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Journal
1989 (Pt.)

Hastings Reservation, Monterey Co., Calif

Jan 4. Arrived at Hastings this PM around 1430h. It's clear, mid-60's. There is still snow on Clem's Ridge, Arnold Hill, and even some on the east ridge behind Hastings. Apparently Hastings received a good snow during Christmas (2 inches around lab). Green up is continuing - vegetation looks good. The snow did result in alot of snag and branch fall.

(Tn = 56, Tx = 76 on MC max/min thermometer) Set and baited all trap stations on GRID MC. Added stations at 7,4; 8,4; 9,4; 10,4; and 11,5 to assure capture of all breeding P. californicus (see GRID data Dec. 18) Set all MC drift fence traps. Finished by 0515h - not enough daylight left to set RC drift fence traps.

2115h - out checking traps on MC. It's clear, upper 40's, no moon. Good start this PM! Finished by 2230h.

Jan 5 0700h - out checking traps on MC. It's cloudy, upper 40's, and raining lightly off and on. The rain continued - hard at times. Due to conditions I didn't weigh all animals. Finished by 0830h and returned to lab to bleed 2 new animals (and dry out....)

Summary of results on MC:

	4 (PM)	5 (AM)	# ind
P. californicus	4 (1 new)	9 (1 new)	11
P. boylii	5	9 (3 new)	10
P. truei	3	4	5
Perognathus	1	3	3
N. fuscipes	1	1	2
P. maniculatus	0	1	1
TOTAL	14 (1 new)	27 (4 new)	32

Before lunch I checked on the captive animals. The cage on the right was flooded, but fortunately both mice were ok. I transferred them to a plastic cage and put them in the lab. The other pair with babies was fine & dry.

Hastings Reservation, Monterey Co., Calif

Jan 5 (cont) The rain continued (sometimes hard) through the afternoon. I picked up a buckeye that rodents have chewed and I measured the incisor width with a caliper (1.4, 1.65, 1.5, 1.4, and 1.7 mm) Should compare these to skulls to see if I can nail down the species. I reset all MC traps from 15-1700hrs; had to clean out many of the traps. Rain (& hail) continued off and on after sunset

2120h - out checking traps on MC. Overcast, low 40s, raining lightly. Left a few traps closed because they were wet. Finished by 2245hrs. Skies have actually cleared! Perhaps this storm is over...

Jan 6 0650h - out checking traps on MC. No rain overnight. Partly cloudy, upper 30s. Snow on the Arnold and the east ridge. Not bad results this am considering weather. Finished by 0840h and returned to lab to collect tissues from new animal. Summary of results -

	5 (Pm)	6 (Am)	total
P. californicus	6	5 (1 new)	7
P. boylii	5	7 (1 new)	10
P. truei	4	5	5
Peromyscus	1	1	1
N. fuscipes	0 (1 new)	1	2
P. maniculatus	1	1 (1 new)	2
TOTAL	18 (1 new)	20 (3 new)	27

Spent the rest of the day working on data, etc. Today was partly cloudy with sunshine to dry out things. It remained cool (mid 50s). Reset GRID MC traps from 15-1630h. At sunset I checked on conditions on GRID RC. A few patches of snow still present and all the blackberry and grasses (especially along the stream) have been smashed down by the snow - impressive difference.

2115h - out checking traps on MC. It's clear and cold (35°). Only 6 animals captured tonight!? Finished by 2155hrs. Clouds rolled in since I've been out and it's raining lightly.

Hastings Reservation, Monterey Co., Calif

Jan 7 0659h - Snow! It snowed during the night resulting in a light (<1 inch) ground covering, but complete cover. (320) It's currently snowing lightly - Should make it interesting to check traps... Amazing number of captures considering conditions. Finished checking traps by 0830h.

Summary of results on MC -	♂ (Am)	♀ (Am)	# ind
P. californicus	1	7	8
P. boylii	3	8 (2 new)	10
P. truei	1	5	5
Peromyscus	1	2	2
TOTAL	6	22 (2 new)	25 total

Remained overcast this am, but temperature (upper 30s) slowly melted the snow. Spent the day on the computer. By noon most of the snow in the valley bottoms had melted, but snow was present through the day on ridgetops. Reset all MC traps from 15-1630h. Had to clean out many of the traps. Am waiting for it to dry out a bit before setting RC drift fence traps, maybe mañana....

2115h - out checking traps on MC. Crystal clear, no moon, and cold (32° on grid). Better results tonight on the grid. Finished by 2215h.

Jan 8 0700h - out checking traps on MC. It's clear and cold (upper 20's!). 30° on the Grid. The cold temperatures froze the mud making it much easier to get around. Finished by 0930h.

Summary of results on MC -	♂ (Pm)	♀ (Am)	# ind
P. californicus	4	7	10
P. boylii	2	3 (1 new)	5
P. truei	3	5	5
Peromyscus	1	1	1
N. fuscipes	0	2	2
TOTAL	10	18	23 total

Went into town ~~today~~ this am for a few supplies and spent the rest of the day working on the computer - Today was mostly sunny,

Hastings Reservation, Monterey Co, Calif.

Jan 8 (cont) with periods of cloud cover. High in low 50's. Reset all MC traps from 15-1600, and finally ~~reset~~ RC drift fence traps from 1615-1645h (put paper towel in each trap). Around sunset low, foggy-drizzly clouds moved in.

2115h - out checking traps on MC. It's overcast (light - some stars visible) and balmy - 42°! Good results tonight. Returned at 2230h with a new immature mouse.

Jan 9 0650h - out checking traps on MC. It's overcast, low 40's. Opened up all non-folding Sherman's and will return to pick up folding Sherman's. Finished by 0830h and proceeded to check RC drift fence traps. Finished by 0930h and returned to lab to collect tissues from 1467.

Summary of results on MC-

	♂ (Pw)	♀ (New)	# ind
P. californicus	5 (1 new)	7	11
P. boylii	5 (1 new)	7 (1 new)	10
P. truei	5	6 (1 new)	7
Perognathus	2	2	3
N. fuscipes	0	2	2
TOTAL	17 (2 new)	24 (2 new)	33

Returned 1467 to its capture spot by 1100h. Today was mostly sunny, low 60's. More rain is on its way manana. From 15-1630 I set out and baited all RC grid traps and drift fence traps. Set out 5 Neotoma traps shelters (2 traps per) across the grid. Reset MC drift fence traps by 1700h.

2130h - out checking traps on RC. Clear and cold (low 40's). Good results tonight, but no sign of P. californicus breeding. Finished by 2300h.

Jan 10 0700h - out checking traps on MC. Cloudy, low 40's. Rained some overnight. Started checking traps on RC by 0730h. Lot of animals! Finished by 1000h and returned to lab to prepare Sorex mortality

Hastings Reservation, Monterey Co., Calif.

Jan 10 (cont)

Summary of results on ~~the~~ RC:

	9 (PM)	10 (AM)	Total
P. californicus	10	12	14
P. boylii	14	14	20
N. fuscipes	3	6	9
Microtus	1	1	1
Peromyscus	1	4	4
S. townsendii	0	1 mortality	1
TOTAL	29	38	49

It cleared up this am, but clouds quickly moved back in and it was windy and drizzly most afternoon/eve 40's.
Reset all RC traps from 1530-1630h and MC drift fence traps around 1700h. No rain while setting traps, but overcast skies 2200h - out checking traps on RC. It's crystal clear, no moon, and cold (mid 30's - ice on can w/ wind shield). Not many captures tonight, finished by 2300h.

Jan 11 0700h - out checking traps on MC. It's clear, cold, low 30's. Heavy frost this am. Started checking traps on RC by 0730h and finished by 0945h

Summary of results on RC -

	10 (PM)	11 (AM)	Total
P. californicus	5	15	16
P. boylii	13	16	20
N. fuscipes	6	5	9
Microtus	0	1	1
Peromyscus	3	2	3
TOTAL	27	39	49 total

Sunshine today, at last! Spent the day restocking firewood and working on the computer. High today in low 50's. Reset RC traps from 1515 - 1630hrs. High on the grid today was only 40°F. Reset MC drift fence traps by 1700h.
2115h - out checking traps on ~~the~~ RC. Clear, cold (low 30's), moon (1/4 full) just setting in west. Frost already frosty. Again, not many animals captured. Finished by 2210h.

Hastings Reservation, Monterey Co., Calif

Jan 12 0700h - out checking traps on MC drift fences. Clear, cold (low 30's), frosty. Started checking traps on RC by 0730h. 26°F on the grid
Finished by 0930h. Summary of results on RC -

	11 (am)	12 (pm)	end
P. californicus	6	10	14
P. boylii	11	20	24
N. fuscipes	3	10	12
Perognathus	1	2	2
TOTAL	21	42	52

Today was sunny & warm (upper 50's). Cleaned out the captive animal cages this PM. Reset RC traps from 1530-1630h and MC drift fence traps by 1700h.

2130h - out checking traps on RC with Cristian Orrego and Eric Staver (friend of Cristian, writer for AAAS) - it's clear, cold (low 30's), moon is ¼ full and just setting. Good results this PM - finished by 2300h.

Jan 13 0730h - out checking traps on MC drift fences. Clear, cool (low 30's) Started checking traps on RC by 0730h and finished by 0930h.
Summary of results on RC -

	12 (Dec)	13 (Jan)	end
P. californicus	8	9	12
P. boylii	13	20 (new)	26
N. fuscipes	5	5	9
Microtus	0	1	1
Perognathus	1	1	2
TOTAL	27	36	50

Spent the rest of the am talking w/ Janis & Cristian about fingerprinting. Bled & collected tissues from the lab babies this afternoon. Clouds rolled in this afternoon, supposed to rain this evening. Cristian & I reset RC traps from 1530-1630hrs, and MC drift fence traps by 1700h. It began to drizzle around sunset.

Hastings Reservation, Monterey Co., Calif.

Jan 13 (cont) 2130h - out checking traps on RC with Cristian & Eric. Alts drizzling, mid 40s. Good results considering weather conditions. Headed home by 2300h.

Jan 14 0700h - out checking traps on MC drift fence traps. Alts clear and cold (low 30s) - light frost. Started checking traps on RC by 0745h (by myself - Cristian & Eric left after MC traps). Picked up or cleaned out all traps as I checked them. Finished by 1000h and returned with a new P. californicus (#1478).

Summary of results on RC -	13 (Pm)	14 (Am)	mid
P. californicus	5	14 (1 new)	15
P. boylii	13	13	20
N. fuscipes	4	6 (1 new)	8
Peromyscus	2	3	4
TOTAL	24	36 (2 new)	47 ind

Melanie arrived this am and we took it easy most of the day. I bled #1478 after lunch and released him in good shape this PM as I reset RC & MC drift fence traps (1600-1700h). Today was clear, low 50s.

Jan 15 0730 - out checking MC drift fence traps. Clear, cold (upper 20s), heavy frost. Opened up all traps leaving passageways OPEN, and opened up all pit fall cans. Checked RC drift fence traps from 0800-0900h, left traps as on MC drift fences. Melanie & I will leave tomorrow for Berkeley, but I won't be trapping tonight.

Hastings Reservation, Monterey Co., Calif

Jan 23 Arrived back down at Hastings by 1430 this afternoon - Cloudy, raining, upper 40's - wonderful... After lugging all my stuff up to the cabin, I set all GRID MC and MC drift fence traps from 1530-1730h. The trails in Madrone Canyon are all a muddy mess, so it must have rained quite a bit lately. Finished just as it was getting dark, so I didn't get over to set EC drift fence traps.

2115h - out checking traps on MC. It's lightly overcast, 3/4 moon is bright from moon, upper 40's. Good results this PM - returned with 2 new P. californicus. Finished by 2250h.

Jan 24 0700h - out checking traps on MC. It's overcast, upper 40's. Finished by 0830h and returned to lab to collect tissues from new P.c. caught last night. Summary of results on MC:

	23 (PM)	24 (AM)	# ind
P. californicus	7 (2 new)	5	9
P. boylii	11 (2 new)	8 (1 new)	15
P. truei	4	4	6
Perognathus	2	2	2
	24 (2 new)	19	32

More animals caught in PM than AM. Returned the new animals to their capture sites in good shape by 1000h - Also checked on lab animals and both females gave birth during my absence! Spent rest of day on computer

Skies cleared before noon and today was sunny, temp in low 50's. Reset MC traps from 15-1600h and set EC drift fence traps from 1600-1645h.

2115h - out checking traps on MC. It's clear, calm, mid-40's, the moon is just rising. Not many animals this PM - thought with the moon rising, most animals would be active early. Finished by 2240h. Moon is ~ 3/4 full and waning.

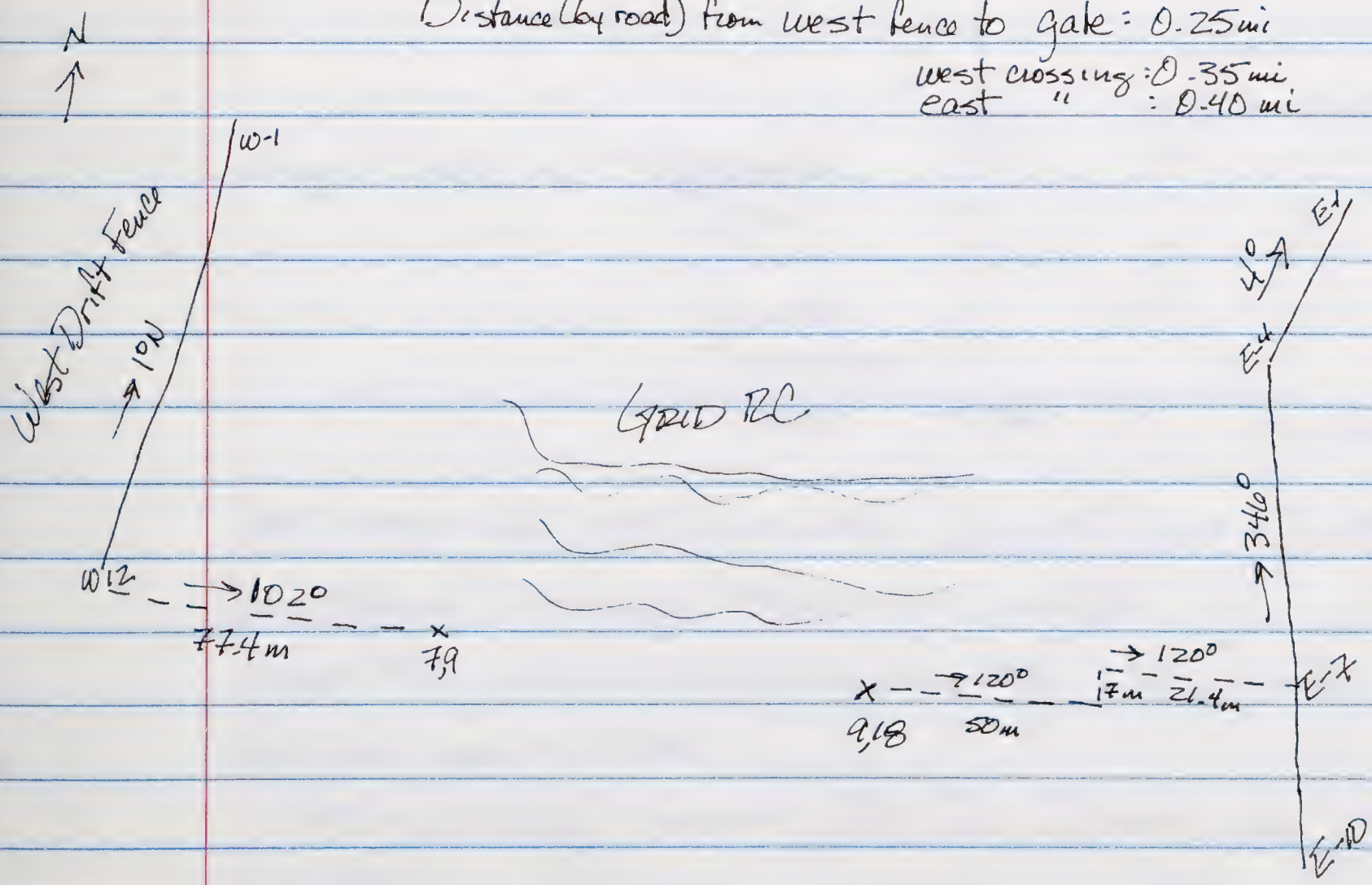
Hastings Reservation, Monterey Co., Calif

Jan 25 0700h-Out checking traps on MC - Clear, calm, cold (~~low 40's~~ upper 30's). Heavy frost this am. Again, not many animals on the grid. Finished by 0800h and proceeded to check RC drift fence traps. 8/25 (32%) on the west fence and 2/18 (11%) on the east fence. Returned by 0900h.

Summary of results on MC:	24 (PM)	25 (AM)	# ind
P. californicus	4	3	6
P. boylii	6	6	11
P. truei	4	3	6
Perognathus	2	1	2
TOTAL	16	13	25

Spent the rest of the day working on data. Today sunny and warm (low 60's). Reset MC grid & drift fence traps from 1530-1630h, and RC drift fence traps from 1630-1730h. I also measured the distance from the drift fences to the grid - follows:

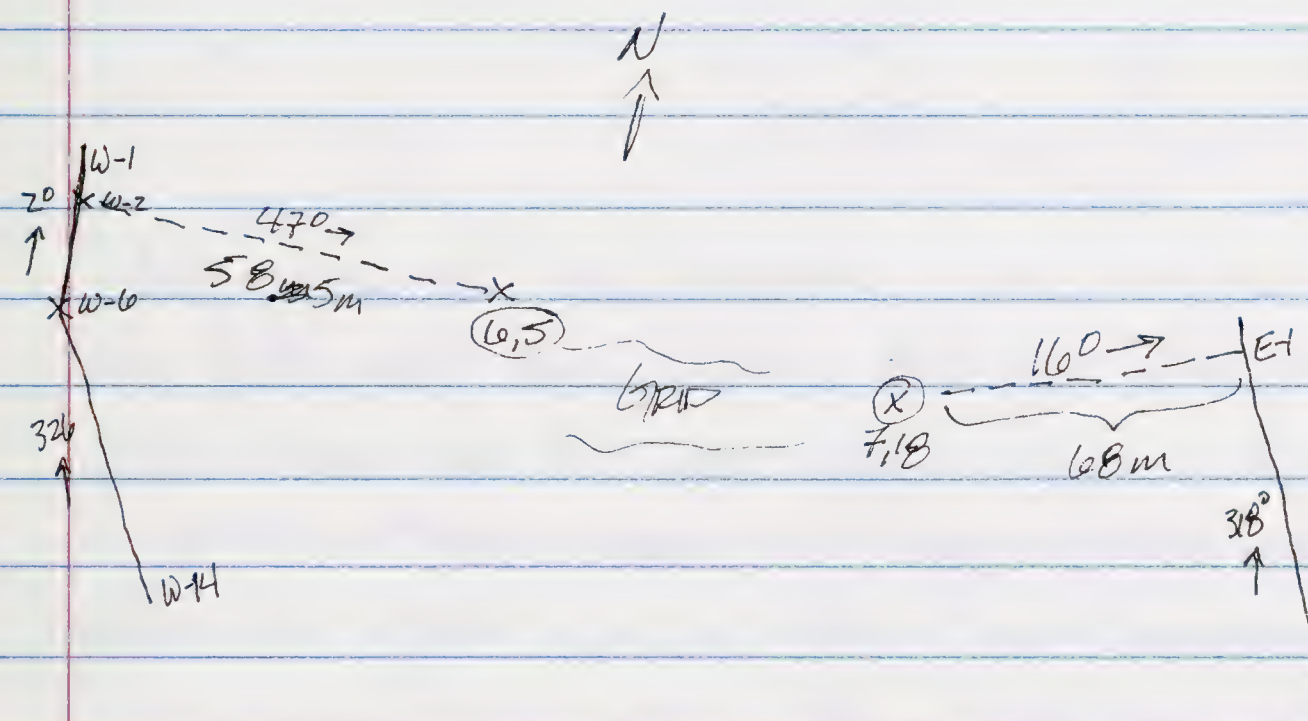
Distance (by road) from west fence to gate: 0.25 mi
west crossing: 0.35 mi
east " : 0.40 mi



Hastings Reservation, Monterey Co., Calif

Jan 25 (cont) 2110 - out checking traps on MC. It's clear, no moon yet, 37°F. Busy night - see P. californicus spp accts. Finished leg 2245h, just (5 TS full). as the moon was rising.

Jan 26 0700h - out checking traps on MC. It's clear and cold (33°), light frost. Finished checking MC by 0820h and RC drift fences by 0900h. Returned to MC to measure drift fences. Follows:



	24 (Jan)	25 (Jan)	# ind
Summary of Results on MC: P. californicus	8	4	9
P. boylii	11	9	16
E. trivi	5 (1 new)	5	7
Perognathus	1	0	1
P. maniculatus	0	1	1
TOTAL	25 (1 new)	19	34 total

Trap success on RC drift fences: west - 17/25 (48%); east - 3/8 (11%).

Spent the rest of the day working on data analysis.

Reset MC grid and drift fences from 1530-1630h, and RC drift fence traps by 1700h.

2100h - out checking traps on MC. Clear, calm, no moon, upper 30's. Good results again this evening. Finished by 2210h.

Hastings Reservation, Monterey Co., Calif

Jan 27 0700h - out checking traps on MC. Clear and cold (low 30's). Finished shortly after 0800h and proceeded to check RC drift fence traps. 14/25 (56%) trap success on west fence - need to add more traps. Returned to the barn to weigh babies and conduct a dyadic encounter experiment (see P.c. spp acct).

Summary of results on MC -	26 (Pm)	27 (Am)	# ind
P. californicus	8	4	10
P. boylii	11	7	14
P. truei	6	7	8
Peromyscus	2	1	2
TOTAL	27	19	34

Today was sunny and warm (upper 60's). Reset MC traps this PM from 1530-1630h and RC drift fence traps from 1640-1710h. Added 11 more traps to the west fence - total now = 36 traps

2145h - out checking traps on MC. Foggy & slightly drizzly, low 40's. Conducted a dyadic encounter between 2206 & 1464 after checking traps - boring! (See spp acct) Returned home around 2315h.

Jan 28 0700 h - out checking traps on MC. Clear, cold (28°), heavy frost. Picked up or opened up all traps as I checked them. Found ♀1476 dead on the path I use below station 11, 15. She had been dead a while, the skull and rt shoulder was broken - probably stepped on her last night - shit! Finished by 0800 and proceeded to check RC drift fence traps. Finished by 1000 and returned to lab to prepare 2 mortalities.

Summary of results on MC -	27 (Pm)	28 (Am)	# ind
P. californicus	6	3 (1 mortality)	8
P. boylii	15	10	17
P. truei	9	6	9
Peromyscus	1	1	1
TOTAL	31	20	35

Today was warm and very hazy - few scattered clouds. From 1430 to 1600 I set out and baited traps on GRID WR. I also

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Hastings Reservation, Monterey Co., Calif.

Jan 28 (cont) scattered 8 National traps (4in Kelly boxes) across the grid for Neotoma. Reset RC & MC drift fence traps by 1700h. - No traps to check tonight!

Jan 29 0700h - out checking traps on MC drift fences. Few scattered clouds, cold. Started checking traps on RC drift fences by 0730h. 44% trap success on both drift fences. Started checking traps on WR by 0830h. Good results this am - only 12 (~10%) traps closed with no animal. Conducted 3 dyadic encounters this am - see spp acct. Returned to lab by 1030h to collect tissues from ~~3~~ 2 new P.c. from WR.

Summary of results on WR - P. californicus - 9 captures (2 new)
P. truei - 11 "
N. fuscipes - 5 "
Perognathus - 1 "
P. boylii - 1 "
TOTAL - 27 captures (2 new)

Spent middle hrs of the day working on the computer. Reset WR traps from 15-1600h. Released the new P.c. in good condition while checking traps. Temp's on WR - low 37, hi 58°F. Reset RC & MC drift fence traps by 1700h.

Jan 30 0700h - out checking traps on MC drift fences. Clear, calm, low 40's. Started checking traps on RC drift fence by 0730h - 38% success on west fence and 56% on east fence. Should add traps to last fence. Started on WR by 0830h. Conducted 1 dyadic encounter (see spp acct). Finished by 1000h - Summary of results on WR: P. californicus 7 captures
P. truei 15 " (1 new)
N. fuscipes 7 "
Perognathus 2 "
P. boylii 1 "
TOTAL 32 captures
Also - 9 traps closed w/ no animal (7%)

caught a pregnant (#0340). sign of breeding C!!

Hastings Reservation, Monterey Co., Calif

Jan 30 (cont) Today was sunny and warm (low 70s). Reset WR grid traps from 1530-1630h. Temps. readings on grid - hi: 62, low: 42. Reset ZC and MC drift fence traps by 1730. Added 6 more traps to the east fence, totalling 24 traps.

Jan 31. 0700h - out checking traps on MC drift fences. Clear, calm, low 40s. Started checking traps on ZC drift fences by 0730h. 44% success on west fence, 38% on east fence. Started checking WR traps by 0830h. Found #010 ♀ P.c. dead in trap at station 11,9. There was little bait in the trap - a smaller animal (likely Perognathus) probably got away with the bait earlier. She (010) weighed only 34g, 2 days ago she was 43.5g! Shit...

Finished by 1000h and returned to lab to prepare #010.

Summary of results on WR: {12 traps closed (9%)}

P. californicus	19	captures (1 mortality)
P. torrei	16	"
N. fuscipes	10	" (1 new)
Perognathus	3	"
P. boylii	2	"
TOTAL	40	captures

Today was sunny, hazy, low ~~60's~~ 70's. Reset WR traps from 1530-1630h. Temps on grid - hi 60, low 39°F. Reset ZC & MC drift fence traps by 1715h.

Feb 1 0700h - out checking traps on MC drift fences. It's foggy (very thick), low 40s. Started checking traps on ZC by 0730h - 37% success on west fence and 33% on east fence - Started checking WR traps by 0830. Conducted 2 dayside encounters in the middle of checking traps (see spp acct.). Finished by ~1000h. ~~Clouds~~ Fog lifted this morning, but skies remained overcast.

58 30/28

Hastings Reservation, Monterey Co., Calif

Feb 1 (cont) Summary of results on WR – P. californicus 9 captures
P. truei 12 " (1 new)
N. fuscipes 8 "
Perognathus 2 "
P. longi 2 "
TOTAL 33 captures (1 new)

{13 traps closed [10.5%]}

Stayed overcast and cold all day. Reset WR traps from 1530–1700h. Due to the weather, I covered all traps with boards and made extra sure all traps had bait and nest material. Temps on grid: hi 52°, low 37°. Reset drift fence traps by 1800h (finished in dark!). Rained this evening, lightly.

Feb 2 0700h – Start checking traps on WC. It's clear, ~~cold~~ low 30's. Much of the rain from last night is frozen on the vegetation. Started checking traps on RC by 0730h. 16/33 success on west fence, and 8/23 on the east. Started checking traps on WR by 0830h. After checking all traps I picked up all WR traps and then tied a new P.C. (#1488) at the truck. Released him in good shape and returned to the lab by noon to spin blood and prepare a Sorex mortality. Busy morning!

Summary of results on WR – P. californicus 9 captures (1 new)
P. truei 11 " (1 new)
N. fuscipes 10 "
Perognathus 2 "
P. longi 1 "
TOTAL 33 captures (2 new)

Today was partly cloudy and cool – Dashed into town this afternoon for a few supplies. From 1530–1700h I set RC drift fence traps, most (~ 2/3 stations) of the grid stations with non-folding Sherman, and 2 transects (5 stations, 2 traps/per) between the grid and each drift fence. I'll be checking these traps the next 2–3 days

Hastings Reservation, Monterey Co., Calif

Feb 2 (cont) to survey reproductive activity in P. californicus only. Reset MC drift fence traps by 1745h.

1140h - out checking RC grid traps. It's overcast, calm, low 40s. Will only be recording captures of P. californicus - I caught three Pm. Finished by 2220h -

Feb 3 0700h - out checking traps on MC drift fences. Overcast, low 40s. It was raining ~~when~~ at 0600, but it has now stopped. Started checking traps on RC by 0730h. (see spp acct). Good results on the grid & transects. Since I caught all ♀ P.c., I began opening up the Sherman's half-way through. Will open the rest this PM. On the east drift fence I caught ♀ #0340 (1217) at E-8 (out) weighing only 35.5g (previously 43g). I checked the traps again and found 2 dead babies!! She had given birth and then chewed on their heads - one had its nose totally missing. I released the ~~babies~~ female and took the babies back to the lab to collect their tissues (saved liver, heart, and carcass in Nunc tubes labelled 1217-baby). Both babies were male.

It rained off and on all day and stayed cold. I reset RC drift fence traps and the 10 transect stations from 1530-1640h. Made sure all traps had adequate bait and paper towels for nesting. Reset MC drift fence traps by 1730h.

Rained through the night...

Feb 4 0630h - out checking traps at MC. Snow is covering the ground (~1 inch) and it is snowing legibly! Low 30's. I opened up all traps, leaving passageways open, and covered all pit fall cans as I checked traps. Started checking traps on RC by 0730 and finished by 0930h. It stayed cloudy and cold, even snowing at times the rest of the day. Most of the snow was gone around the low elevations by the time I left today, 1500h.

Hastings Reservation, Monterey Co., Calif

Feb 16 Arrived back at Hastings today around 1400h. Clear, mid 60's. Some snow is still visible on Chews ridge. The ground is very moist, grasses still greening up.

Set and baited all traps on GR10 RC & RC drift fence traps from 1530-1730h. The snow has really mashed down all the herbaceous vegetation along Robertson Creek. Set MC drift fence traps by 1800h, just prior to darkness. Hyla regilla are calling - first time noticed them in a while. Moon (5/8 full, waxing) rose around 1800h.

2130h - out checking traps on RC. It's mostly clear, low 40's, moon is bright (5/8 full). Caught a S. bachmani tonight. Not bad results considering moon. Finished by 2230h.

Feb 17 0700h - out checking traps on MC. It's clear, calm, low 40's. Started checking traps on RC by 0730h. Returned to lab to weigh captive animals by 0930h. Summary of Results -

	No (Pm)	# (Am)	# indiv
P. californicus	6	10	11
P. boylii	6	14	16
N. fuscipes	4	5	9
S. bachmani	1	0	1
TOTAL	17	29	37

Drift fences: West 3/23 = 13%
East 4/17 = 24% (20 traps total)

The moon appears to be having an obvious effect on early captures. Spent most of today working on a dyadic encounter arena. Today was sunny and warm (upper 60's), hazy in late afternoon. Reset all RC traps from 1545-1645h, and MC drift fence traps by 1700h.

2120h - out checking traps on RC. It's mostly clear and calm, low 40's. Conducted a dyadic encounter with the new arena (see spreadsheet). Finished by 2300h this evening.

Hastings Reservation, Monterey Co., Calif.

Feb 18 0645h - out checking traps on MC. It's overcast, low 40's. Started checking traps on RC by 0715h. Good results overall, finished by 0930h - Started to drizzle lightly.

	17 (Pm)	18 (Am)	# ind
P. californicus	11	10	12
P. boylii	13	14	17
N. fuscipes	4	5	9
Peromyscus	1	1	1
TOTAL	24	30	39 total.

Summary of results on RC:
West drift fence = 5/24 = 21%
East " " 5/20 = 25%

The drizzle didn't last past noon, but it stayed overcast all day, mid-60s for the high - Reset all RC traps from 16-1700h and MC drift fence traps by 1730. A ~~dog~~ cow apparently walked (?) over the MC west drift fence. It was bent over and ripped. I bent it back in place but need to mend the rip. The ~~dog~~ cow was going from the east to the west.

I'm not going out tonight to check traps, rather I'll be going out around 0400h - ~~to~~ I hope to catch all animals and then conduct several (?) dyadic encounters, particularly with the ♀♀s

Feb 19 0450h - out on grid RC to check traps and conduct some dyadic encounters. It's ~~foggy~~ foggy and overcast, but the moon must still be out because the sky is quite light. I checked all the traps where P.C. is usually caught ~~and noted~~ and recorded them. I left all other species in traps to check later. I started the first dyadic encounter at 0530h and finished the last one by 0700h (see spp acct for details). Went back and checked all grid & drift fence traps, finishing by 0830. Finished checking MC drift fence traps by 0900h.

Summary of results on RC thus am — P. californicus - 14 captures
P. boylii - 16 "
N. fuscipes - 8 "
Peromyscus - 2
TOTAL - 40 captures - good!!

west drift fence - 5/24 = 21%
east " " - 4/19 = 21%.

Hastings Reservation, Monterey Co., Calif

Feb 19 Note that after checking traps I ~~recaptured~~ or captured 4 P.c ; thus, there must be activity just prior to sunrise. After checking traps on MC I chased 3 coues off of Hastings to the east of the upper barn-fence in disrepair in places. While I was there I noted around the 2 arroyos south of Madrone Canyon. Not that much good habitat, plus being off Hastings, cattle (& their remains) are everywhere. Probably not that good for trapping.

The fog lifted before noon and skies were mostly cloudy all day. Spent the afternoon cleaning cages. Reset RC traps from 1630-1730h, and MC drift fences by 1800h. Will be going out early in am, again; so no trap check tonight.

Feb 20. 0440h - out on RC to check traps and conduct daytime encounter. Clear, cool (low 30's), moon is full - bright!. Procedure ~~was~~ followed is same as yesterday am - see spp acct. Checked all traps starting at 0700h and then MC drift fence traps at 0830h.

Summary of results on RC - P. californicus : 12 captures
P. boylii : 19 "
R. fuscipes : 6 "
Peromyscus : 2 "
R. megalotis : 1 "
S. townsendii : 1 mortality
total 41 captures

{ 5/20 = 25% success east fence
{ 7/24 ≃ 29% " west fence

Returned to the lab to prepare mortalities. Today was sunny and warm (low 40's). Spent the afternoon mending MC drift fence, fixing captive cages, and fixing the behavioral arena. Noticed today the Buckeyes are ~~of~~ budding. If we don't get more rain it's going to be a long summer for them! Robertson Creek is very low (probably due to tree uptake & lack of rain).

Hastings Reservation, Monterey Co., Calif.

Feb 20 (cont) Reset MC drift fence traps from 1530-1600, and all RC traps from 1630-1730h. Will be checking RC traps tonight and tomorrow after sunrise.

2115h - out checking traps on RC. It's clear, low 40s, moon is overhead and full! Moon rose about 90 min earlier. Alot of Peromyscus tonight - perhaps most came out prior to moonrise. Conducted one dyadic encounter (see separate) before returning around 2315h.

Feb 21 0700h - out checking traps on MC drift fences. Some scattered clouds, mid 30's. Started checking RC traps by 0730h. Picked up or opened up all traps on GRID RC as I checked. Finished by 0930h.

Summary of results on GRID RC - west fence: 7/24 = 29%
east fence: 6/19 = 32%

	20 (pm)	21 (am)	End
P. californicus	12	6	13
P. boylii	16	14	23
N. fuscipes	6	6	11
Perognathus	1	1	1
Microtus	0	1	1
S. townsendii	0	1 (new alive!)	1
TOTAL	35	29	50 ind

Today was summer-like! Sunny, upper 70's. From 15-1700h I set and baited traps on GRID MC. For the first time I actually measured (compass and meter tape) and staked out stations 7,4 → 10,4; and 11,5. Everything is budding out on MC, including the snowberry. Reset RC drift fence traps by 1740h. I also reset all the max/min thermometers on all grids this pm to begin monitoring temps.

2130h - out checking traps on MC. Balmy - mid 50's. Moon ~ ¾ full is rising. Partly cloudy. Not bad results. Finished by 2240h. Moon is overhead & bright!

Hastings Reservation, Monterey Co., Calif

Feb 22 0645h - out checking traps on MC. Mostly clear, upper 40's. Moon is setting in the west. Not many animals, finished by 0800h and proceeded to check RC drift fence traps. Returned to lab to collect tissues from lab animals. Summary of results on MC-

	21 (Pm)	22 (Am)	# w/ ♂
P. californicus	6	5	8
P. boylii	7	7	12
P. truei	4	6 (1 dead)	7
Peromyscus	1	1	1
TOTAL	18	19	28

Today was mostly clear and warm (upper 70's). Reset all MC traps from 16-1700h and RC drift fence traps by 1730h. Added 2 non-folding Sherman traps to the eastern fence.

~~0900~~ 2100h - out checking traps on MC. It's partly cloudy, upper 40's, the moon is just beginning to rise. Conducted one behavioral encounter (see Spp Acct). Planned to do more, but didn't catch many mice this evening. Also check MC west drift fence ~~traps~~ traps due to ☔ 1391. Finished by 2300h.

Feb 23 0630h - out checking traps on MC. It's foggy, mid 40's. Fog lifted to overcast skies shortly after I started. Finished checking all traps by 0745h and proceeded to check RC drift fence traps.

Summary of results on MC:

	22 (Pm)	23 (Am)	# w/ ♂
P. californicus	5	6	8
P. boylii	6	8	12
P. truei	5	5	7
Peromyscus	2	1	2
N. fuscipes	1	0	1
	19	20	30

Spent the rest of the morning in town. It stayed mostly overcast all day, although it doesn't look particularly threatening. Reset all MC traps from 16-1700h, put wooden boards on all traps in case it rains. Reset RC drift fence traps by 1730h

Hastings Reservation, Monterey Co., Calif

Feb 23 (cont) Morning to check traps around 0400h in order to catch animals for behavioral interactions, so no trap check tonight

Feb 24 0415h - out checking traps on MC. It's partly cloudy, ~~cool~~ mid-40's, moon is 3/4 full at about 1:30 o'clock. Checked only those traps where P. californicus usually caught and left all other species in traps to record later. Began conducting agonic encounters by 0515h. Was able to do 3 tests before it was light (see spp acct). At 0645h went back and checked all traps. Finished by 0800h and proceeded to RC to check drift fence traps. Finished by 0900h and returned to lab to collect tissues from new P.c. from MC. Summary of results on MC - P. californicus 1496 - 8 (new)

P. boylii - 11
P. truei - 8
Peromyscus - 1
N. fuscipes - 1
TOTAL 29 total

Returned P.c. 1496 to his capture site and released him in good shape by 1000h. Stayed overcast all day, but again not very threatening. Reset all MC traps from 16-1700h, and RC drift fence traps by 1730h. Will be checking traps again early in the am.

Feb 25 0415h - out checking traps on MC. It's mostly overcast, upper 40's, moon is < 3/4 full and visible periodically. Checked traps for P.c only and then conducted 3 agonic trials beginning at 0500h (see spp acct). Went back and checked all traps at 0630h. Finished by 0900h and proceeded to check traps on RC drift fence. Returned and weighed new capture babies and spent the rest of the am transcribing tapes. - yyppee skippee!

Hastings Reservation Monterey Co., Calif

Feb 25 (Cont) Summary of results on MC – D. californicus – 6 captures
P. boylii – 14 "
P. truei – 7 "
Perognathus – 2 "
TOTAL 29 captures (poor...)

Today was sunny and warm (mid 70's). I reset all MC traps from ~~1~~ 1545-1645h and RC drift fence traps by 1730h. Note that I switched all maximum thermometers across grids to see if it has any ~~did~~ effect (I hvae they differ ± 1 °F).

2115h – out checking traps on MC. It's clear, no moon (Vasat rises), low 50's. Checked west drift fence, also. Good results this PM, better than previous days. Finished by 2245h.

Feb 26 0645h – out checking traps on MC. It's clear, calm, upper 40's. Picked up or opened up all grid traps as I checked. Finished by 0830 and proceeded to check RC drift fence traps. Finished by 0930h and returned to lab to collect tissues from new P.c. (#1497) caught last night. Summary of results on MC – P. californicus

	25 (2 new)	26 (4 new)	# uniq
P. californicus	8 (1 new)	7	11
P. boylii	12	13	17
P. truei	7 (1 new)	7	9
N. fuscipes	1	1	2
TOTAL	28 (2 new)	28	39 captures

Released #1497 at her capture point in good condition around 1100h. Today was sunny and warm, again – from 1430-1630h I set and baited traps on GRIDWR. Put paper towel nesting in traps located in moist areas. Also set 16 Wetland traps for Neotoma across the grid; used 8 Kelly shelters, but separated some pairs of traps. Reset RC and MC traps by 1730h.

Feb 27. 0630h – out checking traps on MC. Clear, calm, low 40's. Started checking traps on RC by 0700h, and Grid WR by 0745h. Total of 12 traps (~10%)

Hastings Reservation, Monterey Co., Calif

Feb 27 (cont) closed with no animal, concentrated on (1/2) upper half of grid. Started dusting females to see if I can follow matrilineal relations on Husgyd. Finished checking traps by 0930h.

Summary of results on WR - P. californicus - 7 captures
P. truei - 15 " (1 new)
N. fuscipes - 10 "
P. boylii - 3 "
P. eremicus - 1 "
S. townsendii - 1 mortality
TOTAL 37 captures

Note that capture success on RC west fence was 55%, primarily because 4 traps were closed (probably by birds). Today was sunny and warm. Everything is really looking green. Reset WR traps from 16-1700h, and RC and MC drift fence traps by 1800h. Will be going out early in the am for dyadic encounters

Feb 28 0445h - out checking traps on WR. It's overcast (low fog), upper 30's. Checked only traps likely to have P.c., then conducted 3 dyadic encounters (see spp. acct. for details). At ~~0730~~ 0650h, went back and checked all WR traps. Forgot to bring bag for handling Neotoma, which prevented me from getting all info on Neotoma. Started checking RC drift fence traps by 0800, and finished checking MC drift fences by 0915h. Returned to lab to collect tissues from new P.c. from grid WR.

Summary of results on WR - P. californicus - 7 captures (1 new)
P. truei - 22 "
N. fuscipes - 14 " (1 new - dried tag)
P. boylii - 1 "
P. eremicus - 2 "
S. townsendii - 1 " (new - alive!)

TOTAL 47 captures (3 new)

Hastings Reservation, Monterey Co., Calif

Feb 28 (cont) Clouds finally burned off after noon, but it remained cooler than the previous days (low 60's). Reset all WR traps from 1100-1700h. Forgot to bring out new P.c #1498 to release - have to do it tomorrow am. Reset RC & MC drift fence traps by 1800h. Set traps at st's 4,13; 5,13; and 5,12 to try and catch offspring of ♀♀1364 - will check these traps tonight. Am not going to conduct dyadic encounters tomorrow, but hopefully the morning after.

2130h - out checking traps on RC. Clear, cold (mid 30's), no moon.

P. californicus only:
4,13 - 1364 ♀ M post-lact, perforate (black & blue colored?), 38g. Dusted Golden Brown.

5,13 - 030 ♀ M, perforate, Bloody discharge, 43.5g. Dusted Blue-Green.

5,12 - 1414 ♂ M, scrotal - (did it weigh).

Finished by 2145h

March 1 0630h - out checking traps on MC. Clouds (fog) on the west, upper 30's.

Results on RC grid traps (P. californicus only)

5,12 - 1269 ♂ M scrotal.

5,13 - 1155 ♂ M scrotal. Brown visible in ears.

5,13 - 1364 ♀ post-lactating. RECAP.

4,13 - Cat #947, S. townsendii, lg. ♂, Mortality

Started checking traps on WR by 0800h. Can't seem to catch many P. californicus. Did release new P.c while checking traps.

Finished by 0930h and returned to lab to prepare Sorex mortality

Summary of results on WR - 14 traps closed ~11%

P. californicus	- 5 captures
P. truei	- 21 "
M. fuscipes	- 10 "
P. boylii	- 1 "
Peromyscus	4 "
TOTAL	41 captures

Note that trap success on RC west fence was 7/8 - need to add traps

Hastings Reservation, Monterey Co., Calif

March 1 By noon skies were overcast - incoming storm. Reset WR traps ~~beg~~ from 16-1710h and RC & MC drift fence traps by 1810h. Added 6 more traps to RC west fence - total 30 traps. It was drizzling by the time I finished.

March 2 0620h - out checking traps on MC. It's overcast, raining off and on. Started checking RC drift fences by 0700h - alot of animals! Need to add more traps. Started checking traps on WR by 0815h. Finally caught P. californicus thus am, caught 4 new P-c. Finished by 1030h and returned to lab to collect tissues from new P-c and prepare Sorex mortalities

Summary of results on WR - P. californicus - 13 (4 new)
P. truei - 24 (1 new)
N. fuscipes - 15
P. boylii - 4 (2 new)
Perognathus - 4
Sorex - 2 (2 mortalities)

6[redacted]2! Busy morning....

Stayed overcast and windy all day - Returned to GRID WR and reset WR traps from 1515-1700h. Released all new P-c from this am - took a long time to reset because I had to clean out many of the traps. Reset RC & MC traps by 1815h - Added 4 more Sherman's to RC west fence (34 traps total) and 4 to RC east fence (26 traps total). Drizzled some while I was setting traps, but rained hard this evening

March 3 0620h - out checking traps on MC, partly cloudy, mid 30's. Snow on Chew's ridge, the Arnold trail, and the ridges east of Hastings. Started checking traps on RC by 0700h, and GRID WR by 0750h. Not quite as many mice as yesterday, but still alot. Finished checking traps by 0940h and began to pick up all traps. Headed back to the lab by 1130

Hastings Reservation, Monterey Co., Calif

March 3 (cont) to collect tissues from 2 new P.c and prepare Sorex mortality.

Summary of results on WR: P. californicus 12 captures (2 new)
P. truei 24 " (1 new)
W. fuscipes 12 "
P. boylii 4 " (1 new)
Peromyscus 3 "
TOTAL 55 captures (4 new).

Skies cleared quickly this am, and today was sunny. I reset MC drift fence traps from 1630 - 1700h, then released P.c #1505 on GRID WR, and reset all RC drift fence traps by 1815h. I also set grid traps at stations 4,13; 5,12; 5,13; to try and catch offspring of 1364.

2200h - out checking traps on RC. Clear, cold, no moon. Results P. californicus only:

5,12 - 0130 ♂ Mature, scrotal

(N) 5,12 - 1507 ♀ 1 mm, nulip, 15.5g. Covered w/ GOLDEN Brown (mouth, ears, feet) :: 1364 ♀♀

Returned to the lab promptly to collect tissues from 1507 (above) and will release her in the am.

March 4 0615h - out checking traps on RC. It's cold, overcast (new storm moving in). Picked up or opened up all drift fence traps, covered out full runs.
Results on GRID RC traps (P. californicus only).
5,12 - 1155 ♂ Mat, scrotal

5,13 - 1364 ♀, 39g, Lactating (definitely), Dusted Brown

Released ♀ 1507 Hers am in good condition. Finished checking all traps by 0815h and spent the rest of the am cleaning up for departure to Berkeley. Left around noon in a light rain drizzle.

RIBBEB, D.O
1989

Journal - Temp Data

Hastings Reservation, Monterey Co, Calif

	MC (time - max-min)		RC		WR	
	Thermometer # 3 ↓		Thermometer # 2 ↓		Thermometer # 1 ↓	
Feb 22	1620h	65-48	1700h -	64-41	1715h -	64-47
Feb 23	1630h	16 - 8 °C	1720h	15 ~~-~~ 6° °C	1530h	14 - 8.5°C
Feb 24	1630h	15 - 6° C	1715h	16.5 - 5°C	1530h	15 - 7°C
Feb 25	1615h	19 - 9°C	1700h	21°C - 7° C	1525	21°C - 9°C
	Thermometer # 1 ↓		Thermometer # 3 ↓		Thermometer # 2 ↓	
Feb 26	1720h	18 - 6°C	1700h	19°C - 2°C	1630h	20 - 6°
Feb 27	1800h	16.5 - 5.5°C	1730h	19°C - 0°C	1634h	19 - 5°C
Feb 28	1520h	13.5 - 3.5°C	1540h	15 micaud -1°C	1630h	15 - 3°C
	Thermometer # 2 ↓		Thermoter # 1 ↓		Thermometer # 3 ↓	
March 1	1800	13 - 3°C	1740h	15 - 3°C	1630h	15 - 4.5°C
March 2	1810h	12 - 6.5°C	1740h	13 - 6°C	1630h	dropped it ~~Ø~~ - 6.5
March 3	1650h	13 - 1.5°C	1757	12.5 - 0.5°C	1730h	12.5 - 2°C

Hastings Reservation, Monterey Co., Calif

March 10 Arrived down at Hastings the 8th with my parents. We've been sightseeing the past 2 days. Weather has been overcast, some drizzles. This PM around 1600h, we set MC drift fence traps and several (~12) grid stations to try and catch ♀♀ P.c.

2200h - out checking traps on MC. It's ~~clear~~ overcast, raining off and on, upper 40's. Results: (P. californicus only):

7,4 1480 33g. TND, SAD

9,4 1260 scrotal, Mat.

11,5 1496 1mm, TND

(a) 11,5 1508 27g. ~~34.5g~~ bag, ♂ 1mm, TND. — Returned to lab

9,6 1481 SAD, milky.

(a) 9,18 1509 20.4g ♀ 1mm. Covered in GREEN powder. — Returned to lab

Finished by 2245h.

March 11 0645h - out checking traps on MC with DAD. It's mostly clear, low 40's. Results on GRID traps (P.c only):

St 9,4 #0100 47.5g, lactating, pregnant. Dusted RED.

St 10,16 #020 48g. pregnant, barely lactating. Dusted PURPLE

St. 9,7 1481 RECAP

St 9,9 1351 43g lactating. Dusted ORANGE

9,9 111 ♂ scrotal.

(N) 9,17 1510 ♀ 1mm. 18.5g. Returned to Lab.

9,18 #040 ♂ Mature, Scrotal. Caught in same trap as Peromyscus #0040!

We closed all traps this am, leaving traps blocking passageways blocked on drift fences. Finished checking traps by 0800h and returned to lab to collect tissues from the new P.c.

Hastings Reservation, Monterey Co., Calif.

March 11 (cont) We released them at their capture points in good condition by 1100h. Today was sunny and warm. Everything (grasses, forbs, shrubs) has greened up and many flowers have started blooming - gorgeous!

Spent the day with my parents & Mel. No traps set tonight

March 12 Today was mostly clear and warm (upper 60s). Mel and I set and baited all traps on GRID MC and MC drift fences from 1500-1645h. Took 2 too few traps and didn't set traps at station 10,4. Didn't set RC drift fence traps.

2115h - out checking traps on MC. It's clear, upper 40's, moon is ~3/4 full and fairly bright (about 10 o'clock in western sky). Not many animals this early. Finished by 2215h.

March 13. 0615h - out checking traps on MC. It's foggy and drizzling lightly. Many more animals captured this am. Finished checking traps by 0800h. Skies cleared by the time I finished checking traps.

Summary of results on MC -

	(12 Mar)	(13 Mar)	# ind
P. californicus	2	7	8
P. boylii	4	12 (1 new)	13
P. truei	4	5	6
Peromyscus	1	2	2
N. fuscipes	0	1	1
TOTAL	10	27 (1 new)	30 total

Spent the morning taking care of paperwork and getting organized. Today was partly cloudy to clear, low 60's, breezy at times. Spent the afternoon cleaning and mending capture mice enclosures. Reset all MC traps from 16-1715h. Again, opted to not set RC drift fences. Dark by 1830h.

Hastings Reservation, Monterey Co., Calif

March 13 (cont) 2115h - out checking traps on MC. Clt's overcast, upper 40's. Moon is ½ full and visible at times. Better results tonight. Finished by 2230h.

March 14 0620h - out checking traps on MC. Clear and cold (upper 30's) this am. Good results this am. Finished by 0800h. Spent the rest of the am in town getting supplies. Summary of MC results:

	13 (pm)	14 (am)	14 pm
P. californicus	5	10	11
P. boylii	9	14	15
P. truei	6	8 (1 new)	8
Perognathus	2	2	3
TOTAL	22	34	37

See Captive animal sheets for summary of work done. Today was sunny and clear (high 60's). Reset MC traps from 15 - 1645h. Added traps at station 11, 5; and spent time fixing up holes under the drift fence - thanks to cattle! Set RC drift fence traps from 1645 - 1745h. Put 14 folding Shermans on the west fence and 10 on the east.

Will go out early in the am for dyadic encounters, so no trap check tonight. Moon is ½ full tonight.

March 15 0420h - out checking traps on MC. Clear, upper 30's, no moon. Checked traps only for P.C. then conducted 2 dyadic encounters (see spp accts). Went back and checked all traps beginning at 0615h. Note that 2 P.c were captured just prior to sunrise (0620) and after I first checked traps. Started checking RC drift fence traps by 0745h and finished by 0830h. Summary of MC results:

P. californicus	10 capt
P. boylii	14
P. truei	7
Perognathus	1
N. fuscipes	2
TOTAL	34 capt.

RC west: 30 traps, 2 closed, 7/28 = 0.25% success

RC east: 24 traps, 2 closed, 3/22 = 0.14% success.

Hastings Reservation, Monterey Co., Calif

March 15 (cont) Today was sunny and warm, upper 60s. Reset MC traps from 16-1700h. I shuffled some traps around in order to put 3 traps at 8,4; 11,4; and 11,5. P. californicus is usually caught at these stations, but this an all traps were filled with Pt or P6. Reset RC drift fence traps by 1745h.

March 16 0420h - out checking traps on MC. Sky's clear, no moon, 40°F. Checked traps for P. californicus only, then conducted 2 dyadic encounters (see spp acct). Started checking traps again at 0615h and it started to rain (clouds moved in quickly!). Hurried back to the cabin and moved my truck down; then finished checking MC traps by 0730h. Finished checking traps by 0805h on RC drift fences. Continued to rain, heavily now.

Summary of results on MC - P. californicus - 13 captures
P. boylii - 15 "
P. truei - 8 "
Perognathus - 1 "
N. fuscipes - 1 "
TOTAL 38 captures.

It continued to rain until about 1000h - good rain! Skies cleared by afternoon. Reset all MC traps from 1530-1700h, and RC drift fence traps by 1730h.

I thought it would be cloudy tonight and I would go out and conduct behavioral trials. However, it turned out to be clear and bright (moon > ½ full), so I'll go out at 0400h one more time.

March 17 0415h - out checking traps on MC. Sky's clear, cold (close to freezing). Checked traps only for Pc and conducted 2 dyadic encounters (see spp acct). At 0615h went back and checked all traps. ~~Unfolded~~ Opened up nonfolding Sherman's as I checked. Finished by 0745

Hastings Reservation, Monterey Co., Calif

March 17 (cont). and proceeded to check RC drift fence traps. Returned to MC around 0830h to pick up all of the folding Sherman traps.

Summary of results on MC — P. californicus 11 captures
P. boylii 11 "
P. truei 6 "
Peromyscus 2 "
TOTAL 30 Captures (diurnal)

Today was sunny and gorgeous. I don't think dew noted here, but GRID MC is amazingly green. The Buckeyes, Snowberry, wild rose, grasses, and forbs are all fully leaved out. Many flowers ~~start~~ blooming. In contrast, GRID RC appears to lag behind about 2 weeks. The buckeyes are just leaving out, as are the Salix, snowberry, and other shrubs. The grasses and forbs are green, and some flowers are blooming.

Set and baited all traps on GRID RC from 1530-1700h, and MC drift fence traps ~~from~~ by 1730h. I'll be going out tonight and tomorrow night before starting dyadic encounters.

2115h - out checking traps on RC. Some scattered clouds, mid 40's, moon is 5/6 full and overhead - bright. Good results tonight considering the moon. Checked ~~to~~ north end of west drift fence before heading back - no captures. Finished by 2240h.

March 18 0615h - out checking traps on MC. It's partly cloudy, low 40's. Only one mouse on MC drift fences. Started checking traps on RC by 0640h. Lots of Neotoma --- Finished by 0840h.

Summary of results on RC -	17 (Pm)	18 (Am)	# ind
P. californicus	7	4	8
P. boylii	12	15	17
N. fuscipes	6	6	11
Peromyscus	0	1	1
TOTAL	25	26	37 ind

Hastings Reservation, Monterey Co. Calif

March 18 (cont) interesting that captures ≅ early & late. Perhaps I can conduct tests ~~at~~ in evening.

Spent most of today at Point Lobos with an old college friend, John Riggs. Returned to Hastings around 1700h and hustled up and reset LRED RC and MC drift fences by 1830h. Skies are mostly cloudy, looks like rain possible tonight.

2105h - out checking traps on RC. Skies clear, low 50's (warmer!), moon is 3/4 full overhead, and bright! Not bad results considering conditions. Finished by 2200h -

March 19 0015h - out checking traps on MC drift fences. Low clouds, drizzly (light), mid 40's. Started checking traps on RC by 0645h - Good results. Finished by 0840h. Summary of results -

	18 Mar	19 Mar	# ind
P. californicus	5	9	10
P. boylii	13	21	23
N. fuscipes	5	3	8
Perognathus	2	1	2
TOTAL	25	34	43 ind

It continued to drizzle until 0400h and skies remained partly cloudy all day (clouds particularly heavy over Chews ridge). Collected tissues from captive Pc in afternoon. Reset RC traps from 16-1730h. Set traps at stations W-2 through W-5 between grid & drift fence (trying to catch offspring of #020). Reset MC drift fences by 1800h. Set 4 Shermans scattered west of the south end of the west drift fence to try and catch Pc 130's (?) offspring

2130h - out checking traps on RC. Low 50's, foggy, moon (3/4 full) overhead and visible through fog - BRIGHT. Checked all traps (except 8,10 - 8,14) and then conducted 2 dyadic encounters (see spp. acct). Finished by 2345h.

RIBBLE, D.O.
1989

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Hastings Reservation, Monterey Co., Calif

March 20 0615h - out checking traps on MC. Clear and cool (~~mid~~ low 40s). No Pc captured west of MC west drift fence. Started checking traps on RC by 0750h. Finished by 0830h. Summary of results on RC -

	19 (PM)	20 (AM)	tot
P. californicus	7	9	9
P. boylii	10	10	22
N. fuscipes	7	2	9
Perognathus flavus	2	2	2
TOTAL	34	31	42

Interesting that more mice caught in PM than AM. Today was gorgeous - in the upper 70s - appropriate for this the first day of spring. Reset all RC traps (including west transect) from 1600-1730h and MC drift fence traps (including 4 west traps) by 1800h.

2120h - out checking traps on RC. It's clear, upper 40s, moon is almost full and overhead - bright!! Checked all traps (except 8,10-8,13) keeping P. californicus, then conducted 3 dyadic encounters (see spp sect). Finished about 10 min past midnight. Took home new Pc (1513)

March 21 0615h - out checking traps on MC. Clear, calm, low 40's. Started checking traps on RC by 0650h and finished by 0830h. Returned to lab to collect tissues from #1513.

Summary of results on RC -

	20 PM)	21 (AM)	tot
P. californicus	8 (1 new)	9	11
P. boylii	14	10	21
N. fuscipes	7	2	9
P. longinathus	2	1	2
TOTAL	31	30	43

Returned #1513 to his capture point by 1000h in good shape. Today was another gorgeous day, Windy in afternoon. Reset RC traps from 16-1730h and MC drift fence traps by 1800h. (no transect) Am not going to check traps tonight, only early am

Hastings Reservation, Monterey Co., Calif.

March 22 0530h - out checking traps on RC. Alt's clear, upper 40's. As I checked traps, I either picked up or opened up all traps. Left drift fence passageways open. Finished checking all RC traps by 0800h and proceeded to check MC traps. Summary of results on RC: P. californicus: 9 captures

P. boylii	:	23 "
N. fuscipes	:	10 "
Perognathus	:	2 "
TOTAL	:	44 "

Both strange movements by RC ♂'s 0130 and 1155; almost as if they switched positions. Cleaned up the cabin and checked on the captive mice before heading back to Berkeley at about 1100h.

March 28 Arrived back down at Hastings around 1600h - Skies are overcast, looks like rain possible, low 70's - If it is possible, looks like vegetation is even greener than last week. The grasses have definitely grown since last week - canyon bottoms have an especially lush look. It did rain the past weekend. New flowers blooming.

Iron 17-1830h I set out and baited all traps on GRID WR. Put out 6 woodrat trap-boxes (2 traps/box) across the grid. Covered all traps with boards and put paper-towels for nesting in some (~43). Reset MC drift fence traps by 1900h (finished in dark). Drizzled (low clouds) thus PM.

March 29 0600h - out checking traps on MC. Clear, upper 40's, wet! Moon is ½ full and at 12 o'clock in sky. Headed to GRID WR around 0645h. Alot of animals! Caught 5 new P.c. thus am which I returned to lab to collect tissues. Finished checking all traps by 0900h.

Hastings Reservation, Monterey Co., Calif.

March 29 (cont't) Summary of results on WR - P. californicus - 14 captures (5 new, 1 mort)
8 traps closed
P. truei - 16 "
N. fuscipes - 8 "
P. boylii - 1 "
Perognathus - 4 "
43 captures (5 new)

Spent the rest of the morning collecting tissues and preparing the mortality. Today was clear and warm (mid 70's). Reset all WR traps from 1530-1700h. Added one more Neotoma trap box (2 traps) and spent some time clearing poison oak. Set RC drift fence traps by 1740h and MC drift fence traps by 1800h. *(released all new P-c in good shape.) 2100h - out checking traps on WR. Clear, calm, upper 40's. Expected more animals, but good results - Finished by 2220h.

March 30 0600h - out checking traps on MC. Clear, calm, upper 40's. Started checking RC drift fence traps by 0635h and GRID WR by 0730h. A lot of traps turned by Neotoma - 17 (14%). Finished by 0900h and returned to lab to collect tissues from new Pc (1519) and prepare Sorex mortality

Summary of results on WR -	29 PM	30 AM	# ind
P. californicus	16	7	2 12
P. truei	10	14	19
N. fuscipes	5	5	10
P. boylii	3	2	4
Perognathus	2	3 (1 new)	5
S. ornatus	0	1 mort	1
	26	33	51 ind

Note that traps should be added to RC east drift fence. Released the new Pc (1519) at its capture point in good shape by 1030h.
Today was another sunny, warm (upper 70's) day.

Hastings Reservation, Monterey Co., Calif

March 30. Reset WR traps from 16-1700h. Added 2 more Neotoma trap boxes and split up many of the pairs of traps. Reset RC and MC drift fence traps by 1800h. Added 6 traps to RC west and 8 traps to RC east fences.

2130h - out checking traps on WR. Clear, calm, low 50's. Planned to conduct dyadic encounters, but didn't catch any males! Did catch 0110, but I collected his tail tip and didn't want to use him; plus, he'd'nt mated. Finished checking traps by 2245h and headed home.

March 31 0600h - out checking traps on MC. Clear, calm, low 40's. Started checking traps on RC by 0640h and GRIDWR by 0740h. Fewer traps closed this am on GRID WR, only 7. Doubbles due to increase in Neotoma traps. Finished checking traps by 0915h and went into town for a few supplies. Returned to lab by 1100h to bleed new P.c (#1521) from WR.

Summary of results on WR -

	30 (am)	31 (pm)	total
P. californicus	6	11 (1 new)	12
P. truei	0	14	16
N. fuscipes	11	4	15
P. boylii	2	1	2
Perognathus	6 (2 new)	5	7
TOTAL	33 (2 new)	35	52

It clouded up today and threatened rain, but no such luck. Reset all WR traps from 1530-1630h. Reset RC and MC traps by 1730h. Added 4 more traps to RC east fence - total 30 traps.

I'll be spying out early on WR to conduct dyadic encounters, so no trap check this PM. Shes clear tonight

April 1 0350h - out checking traps on WR It's dark! (no moon), low 40's. I first checked all traps for only P.c. Then conducted 2 dyadic encounters

Hastings Reservation, Monterey Co., Calif

April 1 (cont). beginning at 0450h (see spp. acct.). Went back and checked all good WR traps from 0550 to 0730h. Checked RC drift fence traps from 0730-0830h, and finished up on MC drift lines by 0900h. Returned to lab to bleed new Pc (1523) from MC drift fence. Summary of results on WR: P. californicus - 10 captures
P. truei - 20 (2 new)
M. fuscipes - 15 "
P. boylii - 2 "
P. eremicus - 5 " (1 new)
TOTAL 52 captures (3 new)

Returned the new P.c to it's capture point in good shape by 1000h. Today was cooler than previous days, with some clouds in the afternoon. Reset WR traps from 1530-1630h, and RC and MC drift fence traps by 1730h. Cristian Orrego and his family arrived tonight, they'll be staying until tomorrow. Good company!

2115h - out checking traps on WR w/ Cristian. It's partially overcast, low 50's. Note that I didn't note Neotoma caught and left in trap overnight - I'll record all mañana. Finished by 2230h.

April 2 Time changed to Daylight Savings time overnight, so all further times are PST - DST. 0700h - out checking traps on MC drift fences. Mostly clear, low 50's. Started checking RC drift fences by 0740h. Alot of mice on drift fences - still need to add more traps. Started checking traps on WR by 0840h and finished by 1000h. Picked up all folding Sherman traps, but left the Neotoma traps (in boxes) in place on the grid (total 8 boxes, 11 traps). Messed around with the Orrego's the rest of the am. They left shortly after lunch.

Hastings Reservation, Monterey Co., Calif

April 2 (cont) Summary of results on WR:

	1 (Pm)	2 (Am)	end
P. californicus	7	5	9
P. truei	13 (1 new)	17	24
N. fuscipes	→	12	12
P. boylii	1	1	2
Perognathus	2	5 (1 new)	6
TOTAL	23	40	53

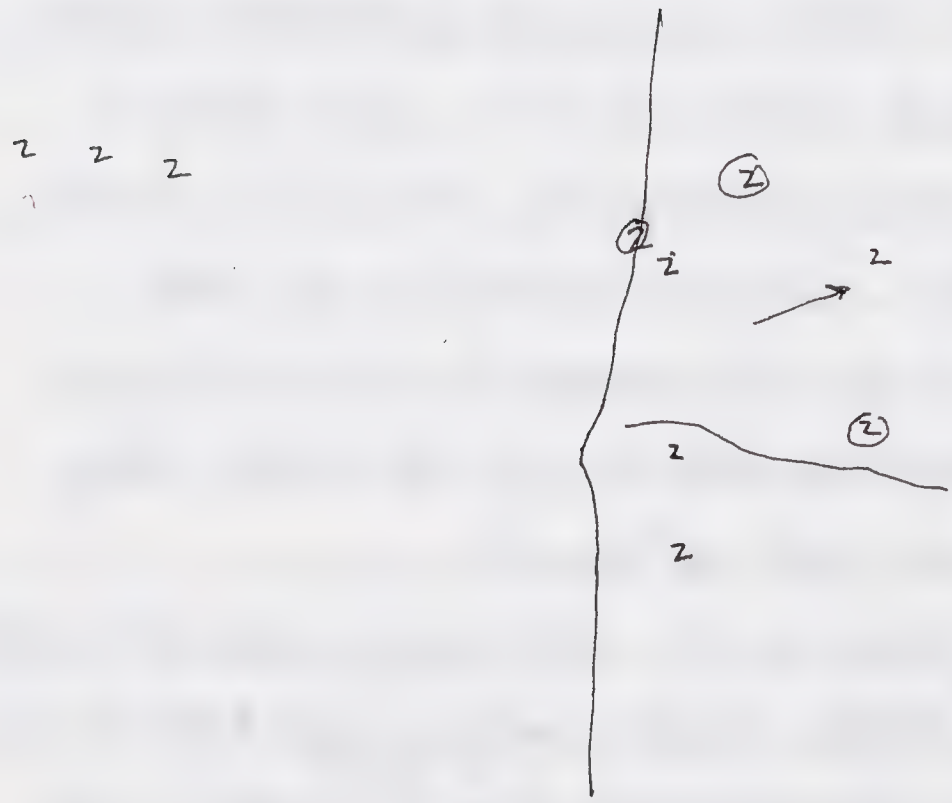
Today was partly cloudy, but warm (upper 70's). From 17-1815h I reset RC drift fence traps and set most of the non-folding Shermans on the grid. I'll be checking the reproductive condition of P.c only in prep of Guberneckis visit. Also added 4 more traps to RC west fence (total = 38) and 5 to the RC east fence (total = 35). Reset MC drift fences by 1900h.

2200h - out checking traps on RC. It's overcast, low 50's. Not many animals. Also checked east drift fence for Pc (#1183). Only caught 1 male with no sign of powder.

April 3 0650h - out checking traps on MC. It's foggy, upper 40's. Started checking traps on RC by 0730h. Great results! Took #040 Pc back to the lab to check for fluorescent powder (ORANGE? see app acct. from 1183); plus have new Pc (#1525) from MC drift fence to collect tissues - 0900h. Returned 1525 to her capture pt in good shape by 1000h, and #040 to hers by 1030h. Spent the rest of the am cleaning mouse cages.

Today was another clear, gorgeous day. In the afternoon I assembled all the radio-collars for use this weekend. From 17-1800's I set the following traps on GRID MC: top 2 rows of the grid. all drift fence traps, added 4 more folding Shermans to the west fence (total = 18), and 8 Shermans scattered on west side of the west fence (in order to catch 1381).

By 1900h I reset only RC west fence. I double-checked to make sure all RC grid traps were closed and all RC east drift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Hastings Reservation, Monterey Co., Calif

April 3 (cont.) fence traps - I also left passageways open. I did this so that 1183 (♀, lactating) will go undisturbed the next 2 nights. She gave birth recently (apparently), didn't seem to be lactating this am, and I want to use her with Gulennick to film paternal care

2145h - out checking traps on MC. Clear, low 50's, no moon. After checking grid traps, I also check MC west drift fence traps. Finished by 2245h and headed home.

April 4 0645h - out on MC checking traps. Clear, calm, upper 40's. Good results on grid MC, finished by 0800h and proceeded to check RC west drift fence. Returned with a new Pc (#1526) to collect tissues. Also collected tail tips from a P. trowi family (see spreadsheet). Released #1526 back at its capture point by 1000h in good shape. Spent the am washing clothes...

Today was hot! Low 80's. Hope this doesn't continue...

From 1730-1815h, I reset MC drift fence traps and added 4 more traps to the traps west of the east fence, and set 6 traps between the east fence and the grid. All of this is to try and catch ♀♀ P.c. - Reset only RC west fence (again) by 1840h.

2230h - out checking traps on MC. Clear, no moon, warm (upper 50's) Only check the west drift fence and surrounding traps for Pc only - Finished w/in 15 min

April 5 0645h - out checking traps on MC. Clear, calm, low 50's. Caught a new Pc (#1527) on the east fence which I returned to lab for tissues. Started checking RC drift fence (west) by 0745h, caught another new Pc (#1528) and returned to lab by 0845h to collect tissues from new Pc. Returned both animals to their capture sites in good condition by 1000h. Spent the rest of the morning connecting batteries on radio-collars.

Hastings Reservation, Monterey Co., Calif

April 5 (cont) Today was another hot one, felt like it was in the 90's! This has to stop! Tomorrow I pick up Gubernick, so tonight and tomorrow morning I hope to put on some radio-collars. From 1730-1815h I reset RC drift fences (including the east fence) and traps at the west end of the grid. Trying to catch ♀♀020-♂♂137; ♀♀1183-♂♂040.

By 1900h I reset MC drift fence traps. Picked up the transect traps at the east end and added those 6 traps to the cluster west of the west fence (total of 9 stations, 18 traps) which I baited with peanut butter. Trying to catch ♀♀381-♂♂020.

2015h - out checking traps on MC west df. No P.e captured. Clear, Calm, 60's.

Proceeded to check traps on RC (2030h). Caught ♀♀1183 and radio-collared! Returned home by 2330h. (see sppAcct)

April 6 0640h - out checking traps on MC drift fences. Finally caught ♀♀1381, but she is still pregnant (see sppacct). Started checking traps on RC by 0715h. Caught 1381's mate, 040 and radio-collared him (see sppAcct) Finished checking all traps by 0845h. Clear, calm, low 60's.

Today was another fucking hot one, temps in upper 90's. I don't know how long this will last, but it sucks!! I went into town (Monterey) today to pick up David Gubernick. He'll be at Hastings until the 10th, so hopefully film paternal care with fiber optics - exciting. We arrived back at Hastings around 1700h and immediately went to GRID RC. Could not pick up signal from ♀ 1183 so we set most of RC east drift fence traps and a cluster of 6 traps ~15 m east of E-6. Also set most of the traps on the west side of the grid for PC #s 1225, 0130, 1257, and 020.

Hastings Reservation, Monterey Co., Calif

April 6 (cont) finished by 1900h and then set the MC west drift fence traps (including 5 traps on the west side) and most of the traps on the west side of the ~~fence~~ grid to survey the ♀♀'s there.

2215h - out checking traps on GRID RC - Clear, calm, low 60's - Good results - collared ♀1225 and changed collars on ♀1183 (see spp accts). ~~B~~ Started checking traps on MC about midnight.

April 7 Didn't collar any females, but did catch most of them. Finished by 0100h

0645h - out checking traps on MC. Clear, calm, upper 60's. Looks like another hot one. No animals collared. Started checking traps on RC by 0730h. Radio-collared ♂ ~~#0137~~ #0125† (see spp acct). Spent ~1hr getting (or trying) ~~stops~~ locations on animals and then returned to the lab by 0900h to collect tissues from new PC (#1530). Returned to RC around 1000h, released #1530 in good shape, and worked on getting radio-locations until 1230h (see spp acct.).

Today was unbearably hot - upper 90's. Much of the vegetation (grasses, forbs) is beginning to wilt. This afternoon we returned to RC around 1700h and David set up the fiber optics where we were getting a signal from ♂ #0130. While he set up the equipment, I set selected traps on GRID RC for ♀1225, ~~♂ #1257~~ ♀020, and the RC east drift fence traps for ♀1183; ♂ #040. At 1900h we set the MC west drift fence and selected GRID traps for ♀♀'s.

2230h tonight we will check all traps and try to follow radioed animals to get a better idea where they might be resting. Started on GRID RC. It's clear, calm, the moon is barely a sliver and already set, low 60's. Removed the collar

Hastings Reservation, Monterey Co., Calif

April 7 (cont) from ♂ #040, changed the radio on ♀ #1225. Proceeded to check traps on MC. (first stopped and rexamined radio retrieved from #040)

April 8 0100h - radio-collared ♂ #040 & ♀ 1460 at station 9,17 on GRID MC. Returned to GRID RC and David got good radio-locations on ♀ 1225-♂ 0130 - good set up for the fiber optics! Finally returned home at 0300h.

0645h - after a restful 3hrs of sleep, we went to RC to check traps first. No animals of interest caught, but ♀1225-♂0130 are still in a good location (see spp acct). Proceeded to check traps on MC (~~0900h~~ 0930h) and radio-collared ♂ #1212 & ♀ 020. We rounded up Mark Stamback to help us drill into the nest for fiber-optics, and began working at 0930h. We toiled until ~~0800h~~ 1700h with some success ---- see spp acct!

Before sunset we got radio-locations of the MC collared animals. Needless to say, we were totally exhausted after the past few days (with only 3hrs of sleep), Plus the fiber optics results were not as good as we hoped; so, we decided to not set any traps tonight and sleep late tomorrow!

April 9 David and I spent most of the morning and early pm washing over the fascinating world of P. californicus. In the afternoon we drove up the Arnold to examine chaparral. ~~Tonight~~ Today was warm (low 90s? a bit cooler) and clear. Found a ♀ breeding P.c in the Arnold cabin.

From 18-1930h we set out and baited all traps on GRID MC to begin a 5-day trapping session. Set all MC drift fence traps as well.

Hastings Reservation, Monterey Co., Calif.

April 9 2230h - out checking traps on MC. Clear, low 60's, moon is >1/4 full and setting in the west. Not many animals, but did remove collar from ♀020 (♂1212). Finished by 2345h.

April 10 0700h - out checking traps on MC. It's clear, calm, low 50's! Maybe the heat is finally over. Caught ♀0100 with a sperm plug (see spp acct!). Returned to lab with a new Pc (#1531) to collect tissues around 0900h.

Summary of results on MC:

	9 (PM)	10 (AM)	# ind
P. californicus	3	6	7
P. boylii	1	11 (1 new)	11
P. truei	3	2	3
Peromyscus	1	3	3
TOTAL	8	22 (1 new)	24 total

Took David into Monterey late this am to catch his plane back to Madison. It was wonderful to have him out and I look foward to future collaborations.

Returned to Hastings around 1300h and returned Pc #1531 to its capture point in good condition. Today was considerably cooler, upper 80's — finally!

From 1+-1800h I set RC drift fences and grid traps to try and catch all the radio-collared mice to remove their collars. Also got radio-locations on all mice (see spp acct). Reset all MC grid and drift fence traps by 1930. I also reset all min/max thermometers on all grids - start recording min/max tomorrow.

2200h - out checking traps on MC. It's clear, calm, mid-50's. Moon is 1/4 full in western sky. Again, not many animals. Proceeded to check (gone) RC traps.

Hastings Reservation, Monterey Co., Calif.

April 10 (cont) Results on GRIDRC 8

St
5,9 0130 ♂ M scrotal. 47g. Removed radio - Fair PURPLE in ears

5,10 1225 ♀ M lact. 43g. " ". Dusted Purple

Returned by 2345h.

April 11 0645h - out checking traps on MC. Clear, calm, and cool (mid 40's). Much better results this am! Finished by 0845 h and proceeded to check RC. Summary of results on RC.

St #
(A) 4,16.5 | 1534, 27g ♂ 1m. TWD ~~St #, 16.5.~~ Returned to lab. - No powder.

4,16.5 1528 23g ♂ 1m TWD. } weights

4,18. 1513 24.5g ♂ 1m, TWD }

4.5,18. 1526 32.5 ♂ 2M, TWD

Finished checking traps by 1000h and returned to lab to collect tissues from 2 new Pc. Summary of results on ~~RC~~ MC:

	1♂ (1m)	1♀ (1m)	# ind
P. californicus	2	10	10
P. boylii	6	16	18
P. truei	3	6 (1new)	7
Perognathus	2	4	6
N. fuscipes	0	2 (1new)	2
TOTAL	13	38 (2new)	43

Returned the new Pc to their capture sites in good shape by noon. Today was sunny and warm upper 80's. All of the oaks have leafed out by now (just in the past week!) and lupines dominate the flowers. The heat already is beginning to dry out the grasses on the hillsides, although the canyons are still very lush. Reset MC grid and drift fence traps from 17-1900h - spent 45 min of that retrieving lost radio-collar (#1460 - see spp acct). Reset RC drift fence traps and selected grid traps by 1945h.

Hastings Reservation, Monterey Co., Calif

April 11 (cont) 2000h - out checking traps on MC. Clear, calm, low 50's. Good results, finished by 2300h and proceeded to check RC traps: Results: moon < ½ full

4,5,8 020, ♀ 60.5g! Pregnant. Dusted ORANGE

4,6.5 1513 RecAP - orange visible around ears.

4,6.5 1534 RecAP - no powder visible, "should" if 1513 does.

Finished by 2345h and headed home.

April 12 0645h - out checking traps on MC. Clear, calm, upper 40's. Good results, again. Finished by 0930h and proceeded to check GRID RC traps and drift fences - GRID traps results:

4,6.5 1518 - 24g ♂ 1m, TWD. ORANGE clearly visible on ears

4, 8 1526 RecAP No sign of powder.

Finished by 0930h and returned to lab to collect tissues from new RC (#1535).

Summary of results on MC:

	11 (Pm)	12 (Am)	# uid
P. californicus	7	10	11
P. boylii	7	12 (1 new)	13
P. truei	3	7	8
Perognathus	2	6 (1 new)	6
N. fuscipes	0	1	0
TOTAL	19	36 (2 new)	38

Returned #1535 to its capture point in good shape by 1130h.

Today was partly cloudy (thin high clouds) and cool. Reset GRID MC traps from 17-1815h, and RC drift fence traps by 1900h. Set 8 traps west of the grid for ♂ 1257 who still has a radio-collar.

2200h - out checking traps on MC. Clear, cool, moon is ½ full. Good results, returned with a new P.C. Started checking grid traps on RC by 2315h - nothing captured. Checked RC east drift fence traps for ♀ 0340 before returning home around 2345h.

Hastings Reservation, Monterey Co., Calif.

April 13 0645h - out checking traps on MC. Clear, calm, cool (upper 40's). Good results, finished by 0830h and proceeded to check RC drift fences. Nothing captured on 4PZID traps. Finished by 0930h and returned to lab to collect tissues from new Pc captured last night (#1536)

Summary of results on MC -	12 (Pm)	13 (Am)	# ind
P. californicus	6	11	13
P. boylii	6	16	17
P. truei	4	7	7
Peromyscus sp.	4	5	6
N. fuscipes	1	0	1
TOTAL	21	39	44 captures

Released 1536 in good shape at its capture point by 1030h. Went into Salinas today to refill my Nitrogen tank - almost empty!

Today was hazy and warm (upper 70's) - foggy towards the coast. Reset MC grid & drift fence traps from 16-1700h, and RC drift fence traps by 1800h (earlier than usual because John Atwood is coming out for a visit).

2215h - out checking traps on MC. It's clear, moon is 5/8 full overhead and bright, low 50's. We (John and I) only checked a few traps tonight, so this shouldn't be counted as a full trap session. Finished by 2245h.

April 14 0645h - out checking traps on MC alone (left John and Chris slumbering away). It's foggy (almost misty), low 50's this am. Opened up all non-folding Sherman's as I checked traps, but I will return later for the folding Shermans - Finished by 0830h and proceeded to check RC drift fence traps. Alot (6) traps closed on RC west drift fence, but capture success was below 50%. Finished by 0915h. Spent the rest of the am with John & Chris.

Hastings Natural History Reservation, Monterey Co., Calif

April 14 (cont)

Summary of results on MC = P. californicus - 10 captures
P. boylii - ~~15~~ 7 " (2 new)
P. truei - 7 "
Perognathus - 3 "
N. fuscipes - 1 "
TOTAL 38 captures

Today remained overcast until about 1400h when the sun finally broke out ~~again~~, high in 70's. Picked up folding Shermans on GRID MC and set out and baited all stations on GRID RC from 1645-1815 hrs. Also set traps west of the grid for ♂ 1257 who still has a radio-collar. Reset MC drift fence traps by 1900h. Note that the high temperature readings on GRID RC & WR are probably wrong - when I move the thermometers they heat up inside my pack and are higher than the actual high the next day.

2245
~~2200h~~ - out checking traps on GRID RC. ~~Clear~~ Lightly overcast, but moon is visible through clouds, low 50's. Good Pc results. Finished by midnight and headed home.

April 15 0645h - out checking traps on MC drift fences. Foggy in lower valleys, upper 40's. Proceeded to check GRID RC by 0720h. Again, good results for P.c. Nothing captured in traps west of grid. Finished by 0930h.

Summary of results on RC:	(4 Apr)	15 (Apr)	# ind
P. californicus	6	7	8
P. boylii	7	9	11
N. fuscipes	4	3	7
Perognathus	2	3 (2 new)	4
TOTAL	19	22 (2 new)	30 total

Today was sunny and warm, highs in the upper 70's.

Hastings Reservation, Monterey Co., Calif

April 15 (cont) Went out to RC at 1630h to try and find the radio-collar (Ch 12) of ♂ 1257, and found the signal in a rattlesnake-(see Spp acct for ~~Crotalus viridus~~ Crotalus viridis). Unsuccessfully tried to catch it - gave up at 1800 hours to set traps on GRID RC. Reset MC drift fence traps by 1930h.

2245h - out checking traps on GRID RC. Clear, low 50's, moon is ~5/8 full, overhead - bright. Also checked RC east drift fence. Not many mice active this early tonight. Finished shortly after 2300h.

April 16 0648 - out checking traps on MC drift fences. Clear, low 50's. Started checking RC traps by 0730h. Not many mice overall, but caught all but 1 resident P.c. Finished by 0915h and went to check on the radioed Crotalus - found it and noosed it! Brought it back in a plastic bucket (see spp acct).

Summary of results on RC -

	15 (Apr)	16 (Apr)	Total
P. californicus	5	8	9
P. boylii	7	12	14
N. fuscipes	3	4	7
Peromyscus	1	4 (1 new)	4
Microtus	0	2 (1 new)	2
TOTAL	16	30 (2 new)	36

Spent the rest of the morning working on hygrothermographs. Today was partly cloudy (high, thin clouds) and warm (upper 70's) Reset RC traps from 17-1830h and MC drift fence traps by 1900h. Rotated all the max/min thermometers in the process.

2215h - out checking traps on GRID RC. It's overcast (high fog), low 50's, moon is visible through clouds and very bright. Good P.c results this evening. Finished by 2315h. Fog beginning to roll in.

Hastings Reservation, Monterey Co., Calif

April 17 0630h - out checking traps on MC. Foggy, low 50's. Started checking traps on RC by 0700h. Good Pc results and saw 2 sperm plugs in P. boylii. Finished by 0900h, skies beginning to clear.

Summary of results on RC:	16 LPm	17 LAm	# ind
P. californicus	6	10	11
P. boylii	10	15 (1 new)	18
N. fuscipes	4	4	8
Peromyscus	2	2	4
Microtus	1	0	1
TOTAL	23	31 (1 new)	42 total

Today was sunny and warm (~80°F). Spent most of the day working on data analysis for my upcoming mammal group seminar. Set out to reset traps at 1700h when Dan Sasse appeared! He went out with me and we reset RC traps from 1730 - 1845h together. I reset MC drift fence traps by 1930h.

2215h - out checking traps on RC with Dan. Clear, calm, low 50's, moon is 3/4 full, overhead, and bright! Dan took lots of pictures of all species as we checked traps - hope they come out! Generally good results considering moon. Finished shortly after midnight.

April 18 0700h - out checking traps on MC drift fences with Dan. Clear, calm, low 50's. Taking pictures again, so things are a bit slower than usual. Started checking traps on RC by 0800h. Caught a ♀ P. boylii with a newborn in the trap (see spp acct). Finished by 1000h - Dan went on his way at 1100h. Summary

	17 LPm	18 LAm	# ind
P. californicus	6	10	11
P. boylii	9	12	13
N. fuscipes	4	3	7
Peromyscus	1	3	3
Microtus	1 (1 new)	1	2
TOTAL	21 (1 new)	29	36 total

Rubble, DO.
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Journal ~ Temp Data
(min-max-current)

Hastings Reservation, Monterey Co. Calif

	GRID MC		GRID RC		GRID WR	
	Then # 2 ↓		Then # 1 ↓		Then # 3 ↓	
April 11	9 - 27.5 - 21	1840h	2.5 - 24 - 19	1930h	5.5 - 25 - 16	1945h
April 12	10.5 - 21 - 19	1750h	6.5 - 20.5 - 17	1850h	10 - 21.5 - 16	1915h
April 13	8 - 22.5 - 21	1645h	5.5 - 18.5 - 18	1730h	8 - 18.5 - 17	1750h
	Then # 3 ↓		Then # 2 ↓ * questionable		Then # 1 ↓ * questionable	
April 14	8.5 - 21 - 15	1845h	7 - (22.5) - 17	1730h	10 - (17)* - 16	1640
April 15	6 - 25 - 17	1935h	5.5 - 22 - 20	1840h	7.5 - 21.5 - 15	1900h
April 16	8 - 25 - 16	1850h	5 - 22.5 - 17	1750h	9 - 21 - 15.5	1830
	Then # 1 ↓		Then # 3 ↓		Then # 2 ↓	
April 17	9 - 22 - 15	1930h	9 - 20 - 18.5	1810	9.5 - 19.5 - 15	1850
April 18	8.5 - 23 - 17	1850h	5.5 - 25 - 19	1800	8.5 - 24 - 18	1830h

Hastings Reservation, Monterey Co., Calif

April 18 (cont) Spent the rest of the am and early pm cleaning mouse cages... Today was warm (low 80's) with scattered high clouds. Reset all RC traps from 17-1830, and MC drift fence traps by 1900h. Decided to forego checking traps tonight, but go out earlier tomorrow. Moon is almost full and very bright.

April 19 0500h - out checking traps on grid RC. It's clear, low 50's, moon is just setting in the west. Closed all traps, picked up folding Shermans, and left all drift fence passageways open. Finished checking all traps on RC by 0730h and all drift fence traps on MC by 0830h. Returned to the lab with a new Pc (#1537) from MC to collect tissues. Summary of results on RC: P. californicus - 10 captures
P. boylii - 9 "
N. fuscipes - 7 "
Peromyscus 5 "
Microtus 2 "
TOTAL 33 captures

Released #1537 at its capture pt in good shape by 0930h. Packed up and left for Berkeley by 1130h.

April 26 Arrived back at Hastings today around 1500h. Skies are partly cloudy, cool (upper 60's), looks like Hastings got a good rain during my absence - Great! The tops of the hills are brown, but the valleys are still green and lush. All trees appear fully leafed out.

Brought down 143 non-folding Sherman traps from MVZ today (already have 192 in use). (RC-86; MC-10) From 16-1800h I set out 84 of these new traps on grid MC, plus 40 folding Shermans, and baited & set all traps including 14 Neotoma

Hastings Reservation, Monterey Co., Calif

April 26 (cont) traps already in place. Reset RC drift fence traps, adding 14 new non-folding Shermans to each fence. Reset MC drift fence traps by 1930h

2230h - out checking traps on WR. It's clear, calm, low 50's, no moon yet. Good Pc results thus PM. Finished by midnight and returned with 2 new Pc to collect tissues tomorrow am (# 1538 & 1539).

April 27 0630h - out checking traps on MC. Cool (low 40's, light frost), moon is ½ full and overhead. Started checking RC drift fence traps by 0715h, and GRID WR by 0815h. Good Pc results. Finished shortly after 1000h and returned with 3 more new Pc (# 1541-1543) to collect tissues thus am.

Summary of results on WR:	26 (PM)	27 (AM)	# ind
P. californicus	8 (2 new)	13 (3 new)	16
P. truei	7 (1 new)	12	13
N. fuscipes	8	3 (1 new)	11
P. boylii	0	2 (1 new)	2
Peromyscus	3	2	4
TOTAL	26	32	46

[7 traps closed with no animal in AM]

Today was clear and warm (mid 70's). Spent most of the afternoon working on data analysis (have Mammal group presentation 8 May). Reset all WR traps and released all new Pc in good shape from 17-1800h. Finished setting RC & MC drift fence traps by 1900h

2210h - out checking traps on WR. Clear, no moon, low 50's. Fewer captures than last night. Finished by 2315h

April 28 0630h - out checking traps on MC. Upper 40's, clear - Started checking RC drift fence traps by 0715h. Caught ♀ Pc 1183, her mate 040, with 3 newborns! (See spp sheet.) Started checking traps on WR by 0815h. Caught another Pc #1429 with a newborn baby!

Hastings Reservation, Monterey Co., Calif

April 28 (cont) Returned to lab with 3 new Pc, and took care of ♀♀'s with babies (see spp acct). Summary of WR results - [4 traps closed in am]

	27 (Pm)	28 (Am)	# ind
P. californicus	7	16 (3 new)	17
P. truei	11	11	15
N. fuscipes	7	3 (1 new)	10
P. boylii	1	3 (1 new)	3
Peromyscus	2	2	3
TOTAL	28 -	35 -	48

Collected tissues from new Pc and took vaginal smears from 3 captive ♀'s before noon. Today was sunny & warm (80).

Reset WR traps and released new Pc in good shape from 17-18 traps, reset RC and MC drift fence traps by 1900h.

2215h out checking traps on WR. Clear, low 50's, no moon yet. Good results thus PM, finally clipped tail of ♀ 1399. Returned by 2330h.

April 29 0630h - out checking traps on MC. Clear, calm, ~~low~~ upper 40's. Started checking traps on RC by 0715h and on GRID WR by 0815h. Walden's Janis are having a party this afternoon, so I reset all traps as I checked traps, so I won't have to reset this afternoon. Not as many Pc, but more Pt than am (relative to yesterday) -

Summary of results on WR -

	28 (Pm)	29 (Am)	# ind
P. californicus	13	10	17
P. truei	10	16	17
N. fuscipes	9	4 (2 new)	13
P. boylii	2	5	6
Peromyscus	1	1	2
TOTAL	25	- 36 -	55

* {note that traps need to be added to RC drift fences}

Returned by 1000h and took vaginal smears from lab females.

Today was mostly cloudy and cooler (mid 70's) - rain on its way for tomorrow.

Smears: 1477 – 75% leukocytes
10% ep cells
15% mucus

1491 – 95% leuks
5% mucous

1511? – 95% leuks
5% mucous

Hastings Reservation, Monterey Co., Calif

April 29 (cont) Reset RC & MC traps from 1530-1630h and then head down to Walt & Janis' place on Tassajara Road. * Added 5 more traps each to RC west & east drift fences.

Sunset I pumped out - it feel terrible and need some sleep, so will go out earlier in am.

April 30 0600h - out checking traps on GRID WR. Moon is ~¼ full in eastern sky, partly cloudy, low 50's. Nine traps closed this am (expected), but overall good results. Bled new Pc (#1549) in field and released her (see spp acct). Started checking traps on RC drift fences by 0800h. Most traps on north end of west fence closed w/no mouse - result of early trap setting. Finished MC drift fences by 0910h. Spent rest of am taking vag. smears and collecting pup tail-tips (see spp acct)

Summary of results on WR - P. californicus - 16 captures (1 new)
P. truei - 16 "
N. fuscipes - 10 "
P. boylii - 4 " (1 new)
Peromyscus - 3 "
(1st on GRID WR!) Microtus - 1 " (1 new)
TOTAL 50 captures (3 new)

It remained partly cloudy and cool all day - rain threatened but never quite made it. Reset all WR traps from 1730-1815h. Put ♀♀1429, ♂♂1488 in cage in shrubs 2m south of station 3,3. Put rocks and piece of tar paper over top. Reset RC & MC drift fence traps by 1915h. Put ♀♀1183, ♂♂040 in cage at Neotoma midden 10m east of E-6, covered with rocks and tar paper.

2200h - out checking traps on WR. Clear, calm, low 50's. Good results. Set up release of ♀♀1429 & ♂1488 after finishing, 2315h. On way back, set up release of ♀♀1183-♂040 on GRID RC (see spp acct).

Hastings Reservation, Monterey Co., Calif

May 1 May Day. 0630h - out checking traps on MC. Clear, calm, upper 40's. Had a flat tire this am which I changed before starting on RC drift fences, 0730h. ♀1133 was gone from her cage and no babies were left behind - seems to have worked! Caught a new Pc(1551), ♀, lactating which I bled at the truck and then released immediately. Finally started checking traps on WR by 0845h, opened up all folding Sherman's as I checked traps, and picked up all folding Shermans on return. Caught a new Pc(1553) which I bled at the truck and immediately released. ♀1424 also left her cage and no babies found - another success. Returned to lab by 1100h to spin blood and take vaginal smears of lab females. Quite the morning!!

Summary of results on WR - [7 traps closed]		30(Pm)	16(Pm)	# ind
	P. californicus	14	16(1 new)	20
	P. truei	11	15	19
	N. fuscipes	11	3(1 new)	14
	P. boylii	2	2	4
	Peromyscus	1	3(1 new)	3
	TOTAL	39	39(3 new)	57

Note the # of Pc caught on RC east of! Also, need to add more traps!

Spent the afternoon working on data... today was sunny and warm (upper 70's). Reset only RC & MC drift fence traps from 1800-1930h. Added 2 more traps to the RC east fence and 2 Natural traps to RC west fence. No traps to check this PM!

May 2 0620h - out checking traps on MC. Clear, low 50's. Caught a new Pc which I returned to lab. Started checking RC by 0705h. Caught a S. beecheyi on RC west - released it untagged. Lots of mice! Finished by 0815h and returned to lab to take vaginal smears and collect tissues from new Pc.

Hastings Reservation, Monterey Co., Calif

May 2 (cont) Today was sunny and warm (low 80's). Went into town to pick up my fixed flat, and spent the rest of the day working on my talk.

Before resetting traps I collected tail tips from P. longi #04101 and her 2 pups, and then put their cage out in the field (see spacct). Reset RC grid traps around station 5,10 (trying to catch young of 1225) and reset RC drift fence traps from 1745-1830h. Added 2 more traps to the west fence. Reset MC drift fence traps by 1900h.

2230h - out checking traps on GRID RC. Clear, calm, low 50's, no moon. Captures on grid traps (Pc only):

	St.			
(New)	5,10	1555	♀ SAD, perf. vulva - 30.5g	No sign of powder. Returned to lab

finished by 2315h and headed home

May 3 0630h - out checking traps on MC. Clear, calm, low 50's. Started RC by 0715h. Results on traps (and Pc only):

4,8	020	♀	M perf, ~~vulva~~ phora. not-lact. 46.5g.	Dusted ORANGE
4,9	1526	♂	SAD, rad	33g.
4,9	0130	♂	M scrotal. 45.5g.	
5,11	0400	♂	M, scrotal	40

Crazy morning!! Returned to lab (quickly) by 0600h to collect tissues from the 4 new Pc. Immediately, reintroduced all new Pc at their capture points in good shape around 1000h. Returned to lab and took vag. smears from lab ♀'s

Spent rest of day on computer - - - - Today was another warm and sunny day. Reset RC drift fence and selected grid traps from 1830-1900h, and MC drift fence traps by 1920h.

May 4 0515h - out checking traps on ~~the~~ RC. Clear, low 50's. Summary of Grid results:

	St.			
	6,10	0130	♂	ReCAP
(N)	5,10	1560	♀ lum, white-tail typ. 17.25g.	toe-clipped #014. No sign of powder. Mouse filmed!!
	5,9	1555	♀	ReCAP
	4,8	1526	♂	EM, scrotal. 33g
	4,9	020	♀	44.5, not lact. ReCAP

Hastings Reservation, Monterey Co., Calif

May 4 (cont) Started checking traps on MC drift fences by 0740h and finished shortly after 0800h. Returned new Pc (all from RC) to lab to collect tissues. Returned them to their capture points in good shape by 0900h. Spent the rest of the am cleaning mouse cages and washing clothes... also collected tissues from captive lab mice. Packed up later in afternoon and headed for Berkeley around 1800h.

May 10 Arrived back down at Hastings today around 1500h. It has obviously been raining the past few days - odd weather, but welcome! From 1700-1900h I set and baited all traps on GRID MC and MC drift fences. Put out 32 new non-folding Sherman's; this, need only 60 folding Sherman's to complete. As it finished it started raining, so decided not to set RC drift fence traps

2230h - out checking traps on MC. Overcast, low 50's, raining off and on. Good results, returned with a few Pc to label mañana, around 2350h.

May 11 0625h - out checking traps on MC this am. Overcast, appx 40's, very wet!! Caught 2 more new Pc. Returned to lab by 0800h to collect tissues from new Pc and take vaginal smears from captive females.

Summary of results on MC's

	# in'd	10 (am)	11 (am)
P. californicus	13	8 captures (1 new)	10 capt (2 new)
P. boylii	12	9 " (3 new)	9 " (1 new)
P. truei	4	4	4
Perognathus	1	0	1
N. fuscipes	2	0	2 (2 new)
TOTAL	32	16 (4 new)	25 (5 new)

Hastings Reservation, Monterey Co., Calif

May 11 (cont) Stayed overcast and cold all morning. Sun finally came out in the afternoon and a good breeze dried everything out. Reset all MC traps from 16-1800h and set & baited RC drift fence traps by 1845h.

2200h - out checking traps on MC. Overcast, low 50's. Not much activity tonight - finished by 2300h.

May 12 0620h - out checking traps on MC. Low clouds, low 50's. Better results this AM. Started checking RC drift fence traps by 0800h. Most of the traps on the west fence were closed & no animal - probably damn S. beecheyi. Returned to lab around 0930h to bleed new PC (#1572) and take vag. smears. Summary of results on MC -

	1160m	1240m	no
P. californicus	7	12	12
P. boylii	2	12 (new)	12
P. truei	3	3	4
Peromyscus	0	2	2
N. fuscipes	1	2	3
TOTAL	13	31	33

Clouds burned off quickly this am - today was warm (upper 70's) and sunny. Reset all MC traps from 1630-1800h, and RC drift fence traps by 1830h. Set 2 National traps along the west fence to catch the S. beecheyi closing traps.

2200h - out checking traps on MC. Low clouds overhead, low 50's. Same results as last night. Finished by 2310h. Skies have begun to clear, with moon (½ full) bright in western sky.

May 13 0620h - out checking traps on MC. Low clouds, low 50's — cold! Finished by 0800h and proceeded to check RC drift fence traps. Caught a ♂ S. beecheyi on the west drift fence. Planned on tallying it in Metafaun, unfortunately it escaped in the process

Hastings Reservation, Monterey Co., Calif

May 13 (cont) Returned to lab after 0900h to take vaginal smears from captive females

Summary of results on MC -	12 (Pm)	3 (Am)	# tried
P. californicus	9	12	14
P. boylii	4	7	9
P. truei	3	4	5
Peromyscus	0	2	2
N. fuscipes	0	2	2
TOTAL	16	27	32

Spent the rest of the morning working on shelters for the hygrothermographs. The sun burned the clouds off before noon, and today was sunny, low 60's.

Reset all MC traps from 17-1800h and RC drift fence traps by 1830h. Low clouds rolled in around sunset - same pattern for past 3 nights.

2200h - out checking traps on MC. Clouds have cleared, low 50, moon ⊃ ½ full overhead - bright. About same results as previous nights. Finished by 2315h.

May 14 0620h - out checking traps on MC. Foggy, low ~~40's~~ 40's. Finished by 0745h and proceeded to check RC drift fence traps. No problem with closed traps on RC west of this am. Returned to lab around 0900h to take vaginal smears.

Summary of results on MC -	13 (Pm)	14 (Am)	# tried
P. californicus	10	11	13
P. boylii	5	11	12
P. truei	3	4	4
Peromyscus	1	0	1
N. fuscipes	0	1	1
TOTAL	19	27	31

Spent the rest of the am working on the dyadic encounter arena

Hastings Reservation, Monterey Co., Calif

May 14 (cont) Today was partly cloudy, breezy, and cool (low 70's). Fog moved in around 1700h. Reset MC traps from 17-1800h - set 4 Shermans ~15m west of 8,4 to try and catch offspring of ♀♀ 0100. Reset RC drift fence traps by 1840h.

2220h - out checking traps on MC. Overcast, upper 40s, drizzling very lightly - returned with a new juvenile Pc (#1573) to collect tissues from mañana, ~2330h.

May 15 0620h - out checking traps on MC. Overcast (low clouds), upper 40's Picked up all folding Shermans and opened up all non-folding Shermans as I checked traps - Finished by 0830h and proceeded to check traps on RC drift fences. Finished by 0930h and returned to lab to collect tissues from 2 new Pc. Summary of MC results:

	14	15	unk
Peromyscus	13 (1 rec)	12	17
P. boylii	5	10 (1 rec)	11
P. truei	4	5	5
Perognathus	0	3	3
D. fuscipes	1	2 (2 rec)	3
TOTAL	23 - 32 - 39		

Returned the new Pc to their capture sites in good shape by 1115h - Today was sunny and warm (upper 70's)

From 17-1830h I set out and baited all traps on Grid RC. Had to cut back Poison oak and blackberry along many of the paths. Reset MC drift fence traps by 1900h.

2215h - out checking traps on Grid RC. Clear, calm, low 50's, moon is ~3/4 full, overhead - very bright. Mostly Neotoma and Pc captured. Finished by 2330h.

May 16 0620h - out checking MC drift fence traps. Clear, calm, upper 40s. Started checking traps on RC grid by 0700h - lots of annuals. Finished shortly after 0900h and tied 3 new Pc at the truck and

Hastings Reservation, Monterey Co., Calif

May 16 (cont) then released them at their capture points by 1000h. #1578 went down hand and I left her in trap with back door open. Returned to lab to spin down blood & take vaginal smears.

Summary of results on RC -	15 (2m)	16 (4m)	# ind
P. californicus	7	14 (3 new)	14
P. boylii	6	13	14
N. fuscipes	8 (1 new)	3 (1 new)	11
Peromyscus	0	1	1
TOTAL	21 (1 new)	31 (4 new)	40

Today was sunny and warm (~~upper~~ low 80's). Spent all afternoon working on a paper---

Reset all RC traps from 17-1830h and MC drift fence traps by 1900h.

2215h - out checking traps on RC. Clear, low 50's, moon is 3/4 full overhead - very bright! Not many captures as a result. Finished by 2315h and returned

May 17 0620h - out checking traps on MC. Clear, calm, low 50's. Started checking traps on RC by 0730h - Lots of Pc! Caught all but one previously captured. Finished checking traps by 0900h and killed new Pc (#1582) at the truck and released him at his capture point in good shape. Returned to lab to spin blood down. Summary of results on RC -

	16 (2m)	17 (4m)	# ind
P. californicus	8	18 (1 new)	18
P. boylii	7 (1 new)	13 (2 new)	14
N. fuscipes	7 (1 new)	4	10
Microtus	0	1 new	1
TOTAL	22	36	43

Spent the rest of the am cleaning mouse cages. Today was cooler than yesterday (upper 70's) but clear. Reset all RC traps from 17-1830 and MC drift fence traps by 1900h.

Hastings Reservation, Monterey Co., Calif

May 17 (cont) Low clouds moved in around sunset.

2210h - out checking traps on grid RC. Low, thin cloud cover, upper 50's. Moon is >3/4 full and visible through clouds - very bright. About same results as previous nights. Finished by 2315h.

May 18 0615 - out checking traps on MC. Clear (clouds in west), low 50's. One new N. fuscipes on MC west drift fence. Started checking RC traps by 0700h. Today I began collecting ~2cm of tail-tip from P. boylii on the grid as well as drift fences - want to try out fingerprinting to see if Pb is in fact polygynous. Collected total of 23 thus am. Finished checking all traps by 0920h and tied new Pc (#1506) at truck and released him back at his capture point in good shape by 0945h. Returned to lab to process blood & P.b tails.

Summary of results on RC -

	17 (Pm)	18 (Am)	# ind
P. californicus	8	15	15
P. boylii	11	8	15
N. fuscipes	8	4 (lues)	12
Peromyscus	0	2	2
Microtus	1	1	2
TOTAL	28 -	30 -	46

Almost noon by the time I finished. Today was like yesterday, upper 70's. This afternoon before resetting traps I cut all the vegetation next to the drift fences with the weedeater - alot of work and I'm sure my allergies will love it! Reset all RC traps from 1730-1830h and MC drift fence traps by 1900h - I'm not going out to check traps tonight so I can go out early am to check for powder or animals captured only in am

May 19 0500h - out checking traps on RC. Clear, no moon, low 40's (cooler). Finished checking RC traps by 0800h and attempted to collect tissue from new Pc, but the metofane wasn't working due to cold temp

Hastings Reservation, Monterey Co., Calif

May 19 (cont) So, I proceeded to check MC traps, then bled the new Pc in the lab. Released them at their capture sites in good shape by 0930h. Returned to the lab to take vaginal smears on lab females.

Summary of results on RC thus am: P. californicus 16 (1 new)
P. boylii 12
N. fuscipes 8
Peromyscus 1
Microtus 1
TOTAL 38 captures

Spent the rest of the am transfering all my tissue samples from nitrogen to the new Ultra-Cold (-70°F) freezer. - no more hassling with nitrogen. Today was warm (low 80's) and clear. Tonight I'm giving my Mammal Groups seminar talk to the Hastings folks, so I had to set traps a bit earlier than usual. Reset all RC traps from 1630-1730h and MC drift fence traps by 1800h -

2230h - out checking traps on RC. Clear, low 60's (warm), moon is almost full and incredibly bright! Good results despite the moon. Finished close to midnight and returned with new Pc

May 20 0620h - out checking traps on MC drift fences. Clear, mid 50's. Began checking traps on the west fence when I heard a loud rustling of leaves from the creek, Jessie barked, and I went to check it out - a mature ♂ Sus scrofa !! It was badly lame and staggering back and forth across the drift fence which it thrashed. It would get up then stumble to its right. I went back to the cabin, called Mark Stromberg to come shoot it. Returned to keep an eye on it. Mark got there ~0650h and dumped a 30.0.6, and 2-22 bullets into it.

Hastings Reservation, Monterey Co., Calif

May 20 (cont) I finished checking MC drift fence traps and then helped Mark get (consecrate) the pig - No obvious indication why it was injured. We drug it to the road and loaded it in Mark's truck (Mark skinned it later and discovered one front leg and its head was badly bruised - maybe hit by a car?). And it also went through a section of the east fence.

Didn't start checking traps on RC until 0800h - Hurried as fast as possible, picking up or closing all traps as I checked. Finished by 0930h and loaded new PC (captured last night) at truck and released him in good shape - Returned to lab.

Summary of results on RC:

	19 (Dm)	20 (Dm)	# ind
P. californicus	13	16	20
P. boylii	13	17 (Dm)	20
M. fuscipes	8	3	11
Perognathus	1	0	1
Microtus	0	1	1
TOTAL	35	37	53

Spent the rest of the am washing clothes...

Repaired MC drift fences later in the afternoon, and then put the 3 calibrated hygrothermographs on each grid to begin recording temps & humidity. No traps set tonight - a break before the annual dispersal trapping session tomorrow.

May 21 Slept in this am until 0800! Took smears from the lab females and spent the rest of the am prepping for dispersal trapping tonight and tomorrow night. Karen Hayes and Bill Lidicker arrived first and I got them started ~~started~~ setting traps in Madrone Canyon around 1000h. Francis Villablanca, David Good, and Claudia Luke were late and didn't arrive until after 1700h. The four of us set all the traps along the Robertson Creek drainage as follows

60 stations

54

Hastings Reservation, Monterey Co., Calif

May 21 (cont)

I Transect up Robertson Creek (set by Frances & DAG)

	# stations	# traps
Stations 2 – 108 (set traps every 10m for 2–14, then every 20m)	60	120

II Transect down Robertson Creek (set by DOR & Luke).

Stations 3 – 49 (down Robertson Creek to Bridge)	24	48
traps set every 20m in all cases } 51 – 77 (down Finch Creek to Stromberg)	13	28
1 – 3a (up Finch Creek)	2	4
1 – 39 (up Big Creek past crossings ~60m)	20	40
Sub	60	120

III Transects in Madrone Canyon (Warren, Wendy, Liz)

A. Buckeye Hill Arroyo 1–17 (every 10m except st 3)	16	32
19–41 (every 20m)	12	24
B. Upstream MC 3–47, 57–69 (every 20m)	29	58
B. Downstream MC 7–29	12	24
	69	138
TOTAL	189	378

all stations were set with 2 folding Sherman's, and most also set all drift fence traps.
Stations were set 20m apart except where noted above.

Bill & Warren finished first, and the PE crew didn't finish until after 2000h! We will check traps in AM. Last night was full moon, so moon is still very bright, using ~2300h (Note we marked unmarked spp with markers for RECAP info)

May 22 0630h - everyone out checking the traps they set. It's overcast (coastal fog), cool (lower 40's). Good results on Claudia's and mine transect, finished about 1000h and returned to lab to freeze tails and prepare mortalities - everyone was supposed to collect tail tips from all new Pe, but DAG & Francis didn't. (See Spp acct for Pe results.) Bill and Warren finished around 1130h

Hastings Reservation, Monterey Co., Calif

May 22 (cont) We took it easy in the afternoon. Wendy Roberts arrived this afternoon to help out. We all reset our transects this afternoon from 1630-1900h. Most stations were moved 10m away from drift fences, unless traps were set every 10m or habitat was poor. Also, Frances and Peg added ~ 40 more traps to their transect where they caught new Pc that they didn't collect the tail tip. Claudia and I added 10 more stations (20 traps) at stations 4-44, leaving odd numbers 3-43 where they were. Thus, 400+ traps set tonight. (Warren left this PM)

May 23 0630h - out checking traps on transects. Drizzling, overcast, low 40's = generally miserable!! It continued to drizzle, even raining at times, until about 1000h. Conditions prevented reasonable weights from being taken and Claudia & I spent examining N. fuscipes if they weren't marked. I know data collection suffered.. Finished around 1030h along RC - Wendy & Bill finished around noon - {they didn't collect new Pc tails this am}

Everyone took off by 1300-1400h, leaving me with 400 wet, dirty traps! Anyway, results this year weren't as good as last years mostly due to delayed breeding this year (not as many natal dispersers from grids out there). I'm glad we did it, if nothing else it was fun to have people down. {It was clear, sunny by noon}

Spent most of the afternoon cleaning up the cabin, etc. Reset all RC drift fence traps from 18-1830h, and MC drift fence traps by 1900h. Also set traps at 7,4; 8,4; ~7.5, 2.5; and ~ 8.5, 1 for ♀♀ #0100.

Won't check traps until am.

Hastings Reservation, Monterey Co., Calif

May 24 0620h - out checking traps on MC drift fence traps. Clear, mid 40s. Alot of new annuals on the east fence. Started checking traps on RC drift fence traps by 0715h and didn't finish until 0830h. Returned to lab to examine lab vaginal smears and collect blood from new RC (#1612). Spent the rest of the am cleaning traps - grease-sloppie. Released 1612 at his capture point in good shape shortly after noon.

Today was warm (low 80's) and breezy. In the afternoon I had to go look for 2 missing traps on the transect upstream from RC. Found them at the last station! Reset RC traps from 18-1830h and MC drift fence traps and the same GRID traps by 1900h

May 25 0615h - out checking traps on MC. Overcast, upper 40's (balmy). Opened up all drift fence traps as I checked traps. Finished MC by 0645h and proceeded to check RC drift fence traps. Finished by 0800h, changed hygrothermograph paper on RC & WR, and picked up 7 (5 from RC, 2 from WR) Neotoma trap boxes (P. Kelly needs them next week. Returned to lab to prepare Sorex mortality and examine vaginal smears.

Spent the rest of the day working on computer and cleaning up cabin. Left for Berkeley around 1800h.

May 31 Arrived back down at Hastings today around 1300h. Hot (mid 80s) and breezy. All hills are "golden brown" and some flowers remain. Summer has definitely arrived! Julie VanBehren, my new field assistant for the next 2 months, arrived yesterday and was waiting for my arrival. Good to have some assistance, finally!

Jun 1 6-1900h we set and baited all traps on GRID WR

Hastings Reservation, Monterey Co., Calif

May 31 (cont) Vegetation is still quite green on WR. We reset RC and MC drift fence traps by 1930h.

2220h - out checking traps on WR. Clear, mid 50's no moon. Reasonable results thus PM. Heard 2 Saw-whet owls calling (raspy call) and saw one above station 5,3. Finished by 2330h.

June 1 0615h - out checking traps on MC. Clear, low 50's. Only 2 mice on drift fences. Started checking traps on RC drift fences by 0650h and finished by 0720. Started checking traps on WR by 0730h. Great results - alot of Neotoma. Returned to truck by 0930 and collected tissues from new Pc(163). Released him in good shape by 1010h.

Summary of results on WR -	31(PM)	1(AM)	# mid
P. californicus	8	12 (1 new)	14
P. truei	5 (1 new)	13 (3 new)	14
N. fuscipes	13 (2 new)	8 (2 new)	21
Perognathus	1	2	2
Microtus	0	1 (1 new)	1
TOTAL	27	36	52

Spent the rest of the am taking vaginal smears and spinning down blood.

Today was sunny and warm (upper 80's). Spent most of the afternoon cleaning mouse cages and collecting tissues from remaining captive mice (7 total!). Didn't start resetting GRID WR traps until 1800h. Finished by 1840h, reset RC drift fence traps, and Julie reset MC drift fence traps by 1930h.

2215h - out checking traps on WR. Clear, calm, low 60's. Very few animals tonight, but we did have fun with the Saw-whet owls! Finished by 2315h

Hastings Reservation, Monterey Co., Calif

June 2 (cont) 0615h - out checking traps on MC. Clear, calm, low 60's. Started checking traps on RC drift fences by 0650h and on GRIDLOC by 0730h. Julie checked traps and handled all Peromyscus this am. Good results, finished by 1000h and returned to lab to prepare Sorex mortality and take vaginal smears

Summary of results on LOC -

	1 (AM)	2 (AM)	3 (AM)
P. californicus	5	14	15
P. truei	3	9	9
M. fuscipes	10	10	20
Perognathus	2	3	3
Sorex	0	1 mort	1
Microtus	0	1	1
TOTAL	20	38	49

Returned to lab to take vaginal smears. Today seemed cooler than yesterday, although hygrothermographs indicated temps were same. (mid 80's). Spent the afternoon with Ward Allison - 70 year old man from Pebble Beach who brought me his supposed Neotoma to examine. Turned out to be Rattus rattus! Anyway, he was a neat old man. Worked some on the computer with Julie.

Reset LOC traps from 17-1800h and RC & MC drift fence traps by 1900h.

2215h - out checking traps on LOC. Clear, calm, low 60's. Data traps this PM, mostly M. fuscipes. Finished by 2300h.

June 3 0600h - out checking traps on MC drift fences. Clear, calm, upper 50's. Started checking traps on RC by 0600h and on GRIDLOC by 0730h. Some fog rolled in this am, cooling things off. Mostly Neotoma in traps - lots! Finished checking traps by 0945hrs and returned to the lab to take vaginal smears, etc.

Hastings Reservation, Monterey Co., Calif

June 3 (cont) Summary of results on WR:

	2(PM)	3(AM)	# cid
P. californicus	3	10	11
P. truei	1	13	13
N. fuscipes	18 (3 new)	5	23
P. boylii	1	2	2
Perognathus	1	1	2
Microtus	0	1	1
TOTAL	24	32	52

Julie's parents dropped by this afternoon, so Julie showed them around and I worked at the cabin. Today was sunny, low 80's. We reset all GRID WR traps from 1730-1815h, and RC & MC drift fence traps ~~from~~ by 1900h. On RC west drift fence, St w-3(in) caught an albino-colored S. beecheyi. Apparently the trap was left open, or perhaps it pushed its way in. She is white allover, black eyes, with the typical dabbling (spots) present on back (all different shades of white). Transferred her to a National trap and will prepare her as a specimen mañana (see Catalog)

Fog rolled in around sunset, cooling things down. 2215h - out checking traps on WR. Foggy, low 60's. Much better results this PM - finished by 2315h and returned home.

June 4 0600h - out checking traps on MC. Overcast (fog), low 60's. Started checking traps on RC dfs by 0645h. Started checking traps on WR by 0800h. Not of mice this am, including Neotoma again. Finished by 0830h and returned to lab to take vaginal smears from females. Remained overcast all morning.

Hastings Reservation, Monterey Co., Calif

June 4 (cont'd) Summary of results on WR -

	3 (PM)	4 (AM)	Total
P. californicus	9	13	15
P. truei	10 (1 new)	13 (2 new)	19
N. fuscipes	22 (4 new)	9 (1 new)	31
P. boylii	0	2	2
Perognathus	1	3 (1 new)	4
Sorex	0	1 (alive!)	1
TOTAL	42	41	63!

Great trap results. It remained mostly cloudy all day, upper 60's. Prepared the "albino" S. beecheyi this afternoon and showed Julie how to prepare study skins.

From 17-1815h we set and baited all GRID MC traps and MC drift fences. Reset all WR traps ~~from~~ by 1915h. Will trap grid MC for 3 nights only (before I have to leave for Alaska). Tonight we will only check MC and no traps were set on RC (didn't want to risk mortalities with too many traps).

2215h - out checking traps on MC. Clear, low 60's. No moon visible. Good results this PM - returned with 2 new P.c by 2335h.

June 5 0600h - out checking traps on MC - Overcast, mid 50's (cool!). Finished checking GRID MC traps by 0820h and proceeded to check GRID WR traps. Picked up ~~and~~ or opened up all traps as we checked. Finished by 1000h and returned to lab to take vaginal smears and collect tissues from 3 new P.c. from MC.

Summary of results on WR:

P. californicus	- 14 captures
P. truei	- 13 (1 new)
N. fuscipes	- 22
P. boylii	- 2 (1 new)
Perognathus	- 5 (2 new)
TOTAL	- 56 (4 new)

Hastings Reservation, Monterey Co., Calif

June 5 (cont)

Summary of results on Grid MC-Pedif

	4(PM)	5(AM)	# ind
P. edif	8 (1 new)	8 (2 new)	12
P. baylii	4 (1 new)	10	11
P. truei	2	5	5
Perognathus	0	5 (2 new)	5
N. fuscipes	2	3 (1 new)	5

Released the new Pc at their capture points (16) in good shape shortly after noon (31). Today was mostly clear and warm (mid 70's) (39) Spent the afternoon with Julie on the computer.

We reset all MC traps from 1730-1815h and reset RC drift fence traps by 1900h.

2200h - out checking traps on MC. Clear, calm, Mid 50s. About same results as last night - Returned shortly after 2300h.

June 6 0600h - out checking traps on MC. Clear, cool (upper 40's ~~mid 50's~~). Good results on Grid MC this am, finished by 0815h and proceeded to check RC drift fence traps. Finished by 0930h, change hygrothermograph paper on WR, and returned to lab to take vaginal smears and collect tissues from new Pc. Summary of results on MC-P.edif:

	5(PM)	6(AM)	# ind
P. edif	8	14 (1 new)	15
P. baylii	3	10 (1 new)	11
P. truei	1	3	3
Perognathus	1 (1 new)	1	2
N. fuscipes	3	2	5
TOTAL	16	30	36

Julie released the new Pc in good shape by 1100h - Spent the rest of the day preparing for my departure to Alaska. We reset MC traps from 17-1900h, and RC drift fence traps by 1930. We also set a bat net across Robertson Creek - Dan Tabb is coming down tonight, so hopefully we can get some pictures.

Hastings Reservation, Monterey Co., Calif

June 6. We checked the nets around 2100h, but no bats. Left it open until later... Watched Dan's slides tonight - fabulous! Returned just before midnight - no bats. Closed up nets.

June 7 0600h - out checking traps on MC. Foggy, low 50's. Picked up and/or opened up all traps as we checked traps. Finished around 0900h and proceeded to check RC drift fences. Returned to lab by car and Julie took vaginal smears and I packed up. - took off around 1100h. See Julies notes during my absence.

Summary of results on MC: P. californicus : 13 captures
P. boylii : 10 " (1 new)
P. truei : 4 "
Perognathus : 2 "
N. fuscipes : 4 "
TOTAL 33 Captures (1 new)

June 20 Arrived back at Hastings this afternoon around 1800h - after a fantastic 2 weeks in Alaska. Skies clear and hot (upper 90's F). Julie set traps on MC drift fences while I unpacked, then we both set and baited all traps on GRID RC. Forgot to bring any Neotoma traps over, so didn't set any on GRID. Finished setting all traps by 2000h.

2215h - out checking traps on RC. Clear, mid 70's, no moon yet. Not many captures this early in PM - Finished shortly after 2300h

June 21 0600h - out checking traps on MC. Clear, calm, low 70's. Moon (~ 3/4 full) visible at ~ 2 o'clock. Started checking traps on Grid RC by 0630h. Good number of captures this a.m. Finished by 0915h and returned to lab to bleed new Pc, etc.

Hastings Reservation, Monterey Co., Calif

June 22 (cont'd) Summary of results on RC:

	21 (Pm)	22 (Am)	# ind
P. californicus	4	12 (1 new)	12
P. boylii	3	12 (2 new)	12
Peromyscus	1 (1 new)	4	4
N. fuscipes	1	4	5
R. megalotis	1 (1 new)	2 (2 new)	3
TOTAL	10 (2 new)	44 (5 new)	36

Returned to lab and mistakenly killed new Pc (#1648) so collected tissues and prepared her as alcoholic specimen. Spent rest of am collecting tissues from lab animals that died on July.

Today was hot (upper 90's) and unbearable. In the afternoon we cleaned out one cage and straightened up things in the lab. Reset RC traps from 1745-1900h. Robertson Creek is as low as I've ever seen it - in fact, just today it dried out near station 5,8 - incredible! Added 7 Neotoma traps across the grid - Reset MC drift fence traps by 1930h.

2215h - out checking traps on RC. Clear, ~~cool~~ calm, low 70's. Results about same as last night - Finished by 2310h.

June 23 0600h - out checking traps on MC. Clear, calm, upper 60's. Started checking ~~4Ps~~ traps on RC by 0630h and finished by 0900h. ~~Changed~~ Caught a R. megalotis with newborn on RC west drift fence. Changed WR hygro-graph paper and returned to lab to check females, etc.

Summary of results on RC:

	22 (Pm)	23 (Am)	# ind
P. californicus	4	9	12
P. boylii	5	12	13
Peromyscus	3 (1 new)	3	4
S. townsendii	0	1 (new)	1
R. megalotis	0	2 (2 new)	2
N. fuscipes	5 (2 new)	8 (1 new)	13
TOTAL	17 (3 new)	35 (4 new)	45

Hastings Reservation, Monterey Co., Calif

June 23 (cont) Julie left this am for a well deserved break. I spent the rest of the day cleaning the cabin, etc in prep for a visit by Mel, Randy, and Mark & Missy Peatedy. Today was cooler than yesterday, high in low 80's - very pleasant. From 17-1900h I reset all RC traps and set up a bat mist net on the east side of the grid. Reset MC drift fence traps by 1930h.

2230h - out checking traps on ~~MC~~ RC with Randy Stafford. Clear, calm, no moon, mid 60's. No bats in the mist net so we closed it up. Finished checking all traps by ~~2~~ 2330h.

June 24 0600h - out checking traps on MC drift fences. Clear, low 60's. Started checking traps on RC by 0640h and finished by 0900h. Returned to lab to prepare 2 mortalities.

Summary of results on RC -

	23 (PM)	24 (AM)	#id
P. californicus	5	9	9
P. boylii	8	13 (1 new)	15
Peromyscus	3	3	4
S. townsendii	0	1 mortality	1
R. megalotis	0	1 (1 new)	1
~~N. fuscipes~~	~~7~~	~~to~~	~~13~~
TOTAL	~~16~~ 23	~~23~~ 33	~~30~~ 43

All traps were left closed and will be taking tonight off to spend time with my visitors - yeh!

June 25 1700h - onch to work today. Clear, breezy, low 80s. I reset all RC traps from 17-1930h and MC drift fence traps by 1900h.

2315h - out checking traps on RC. Clear, calm, low 70's. Good results this PM. Finished by 2315h.

June 26 0600h - out checking traps on MC drift fences. Clear, upper 60's. Started checking traps on RC by 0640h. Good results. Finished by 0900h and returned to lab to take vaginal smears

Hastings Reservation, Monterey Co., Calif

June 26 (Cont)

Summary of results on RC –

	25 (PM)	26 (AM)	# ind
P. californicus	8 capt	8 capt	12
P. boylii	12 "	18 " (1 new)	~~16~~ 20
Peromyscus	2 "	5 " (1 new)	5
R. megalotis	0	1	1
N. fuscipes	11	3	14
TOTAL	33 captures	35 capt	52

Best results yet. Went into town this am for gas and bait. Today was sunny, low 80's. Julie arrived back down this afternoon. We reset all RC traps from 1645 – 1745h, and we set and baited all traps on GRID MC from 18 – 1900h. Madrone Canyon is amazingly dry! – snowberry begining to lose leaves and buckeyes are all losing their leaves despite they are still in bloom. Fog rolled in before sunset, cooling temps down.

2200h – out checking traps on RC. Mostly clear, low 60's. Not as many mice tonight compared to last night. Finished by 2300h and set up a dyadic encounter between lab ♀ 1511 & ♂ #0400 (see Pc spp. accts). Returned home by 2330h.

June 27 0430h – out on GRID RC to conduct a Pc dyadic encounter (see Pc spp acct). ~~Stars~~ Foggy and cool this am (low 60's). Started checking traps on GRID RC around 0530h. Picked up or opended up all traps as we checked. Finished by 0730h, picked up some of the dyadic encounter materials and proceeded to check all traps on GRID MC. Reasonable results considering xeric conditions

Summary of results on RC –	26 (AM)	27 (AM)	# ind		
P. californicus	4	7	10	GRID MC:	11
P. boylii	12	16 (1 new)	21	1	14 (1 new)
Peromyscus	2	4	4	1	3
N. fuscipes	0	7 (1 new)	15	1	6 (1 new)
R. megalotis	0	0	0	P. truei	3
TOTAL	26	34	50	TOTAL	37 ind

Hastings Reservation, Monterey Co., Calif

June 27 (cont) Julie took vaginal smears on the females before 1100h. Today was clear and cool (high 70's) - very nice weather. This afternoon we finally initiated habitat measurements on GRID MC. From 15-1800 hrs we did all stations on rows 6 and 7 (total 25 stations). We reset all MC traps from 18-1845h, and RC drift fence traps by 1900h. Fog rolled in again this evening prior to sunset.

2200h - out on GRID MC checking traps. Clear, calm, low 60's. Good results this PM. Finished by 2255h.

June 28 0600h - out checking traps on MC - Foggy, upper 50's. Alot of animals this am. The fog turned into a light drizzle shortly after we started. Finished by 0830h and proceeded to check RC drift fences. Finished by 0915h and returned to lab to prepare mortalities and take vaginal smears. Summary of results on MC -

	27 (PM)	28 (AM)	Tot
P. californicus	8	14	15
P. boylii	5	14 (1 new)	16
P. truei	1	4	4
Peromyscus	1	5 (1 new)	6
N. fuscipes	1 (not)	5	6
TOTAL	16	42	47

Spent the rest of the am showing Julie how to prepare a study skin. It stayed overcast and cool until about noon when skies cleared, high in 70's. In the afternoon we cleaned all cages.

Reset all MC traps from 16-1700h and RC drift fence traps by 1715h. - We're both exhausted, so we decided to not check traps tonight.

June 29 0600h - out checking traps on MC. Mostly clear, low 50's. Good results this am. Finished by 0730h and proceeded to check traps on RC drift fences. Finished by 0830h, changed paper on WE hygrothermograph, and returned to lab to prepare radio-collars and take vaginal smears.

Hastings Reservation, Monterey Co., Calif

June 29 (cont)

Summary of results on MC - *P. californicus* - 13 captures
P. boylii 13 "
P. truei 4 "
Peromyscus 2 "
N. fuscipes 4 "
TOTAL 36 captures

Today was sunny and warm (low 80's). In the afternoon, we worked on more habitat on GRID MC. Finished up rows 8 and 9 - only 2 + left. Reset all MC traps from 1645 to 1730h, and then set and baited all Sherman and National traps on GRID WR from 1745 to 1830h.

2230h - out checking traps on MC. Clear, low 50's. We checked traps primarily for ♂♂ Pc to test against lab ♀1491 (eg. left other species in traps, didn't check all traps). Set up dyadic enclosure above station 9,5 and put ♀1491 in one half and ♂ 1206 in other half. Returned home by 2330h.

June 30 0440h - out on MC to conduct dyadic encounter - ♂1206 managed to escape during the night - shit!! Probably dug out under edge. Put one radio-collar on ♀100 (see acct)
Proceeded to check traps as usual (0500h - sky just beginning to get light). Finished by 0645h and proceeded to GRID WR to check traps - Lots of animals - mostly *Neotoma* and *P. truei*. Put radio-collars on 2 ♀♀'s. Finished by 0800h and filled a new Pc. Get the truck, #1662 ♀. Julie returned ~~her~~ 1662 to her capture point in good shape, and we returned to the lab to spin blood and take vag-smears

Summary of MC results *P. californicus* - 12 ind. captured — WR results: 12
P. boylii - 14 captures (1 new) — 2 (2 new)
P. truei - 3 " — 17 (4 new)
Peromyscus - 5 (1 new) — 5 (4 new)
N. fuscipes - 5 — 18
TOTAL: 39 captures — TOTAL 54 (10 new)

Hastings Reservation, Monterey Co., Calif

June 30 (cont). Today was sunny, low 80's. At 1700h we went to WR and took radio-locations on the 2 collared females (see spp acct) and reset all traps, finishing by 1830h. Reset RC drift fence traps by 1845h, and lastly reset all MC grid and drift fence traps by 1930h. Also got a radio-location on ♀ 0100 (see spp acct).

2210h - out checking traps on GRID WR. Clear, low 60's. Good results, put out a new radio-collar on ♀ 1549 (see acct). Finished by 2300h.

July 1 0540h - out checking traps on MC with Megan Lehner who arrived last night. Clear, low 50's. Picked up or opened up all grid traps as we checked traps. Finished by 0700h and proceeded to check RC drift fence traps. Started checking traps on WR by 0800h. Again, alot of *P.t* and *Neotoma*. Put out another radio-collar on ♀ 1175 (see spp acct). Finished by 1000h and returned to lab to take vaginal smears.

Summary of results.

	GRID MC 1 (Jun)	GRID WR 30 (Jun)	GRID WR 1 (Jul)	GRID WR total
P. californicus	14 captures	8 capts	12 capts, 1 (new)	13
P. boylii	19 "	6 "	16 " 1 (new)	2
P. truei	3 "	9 "	19 (new)	21
Peromyscus	2 "	1 (new)	4 (new)	5
N. fuscipes	2 "	15 " (new)	8 (new)	23
TOTAL	40 captures	33 (2 new)	44 (3 new)	64

Today was sunny, low 80's. Julie and Megan spent the afternoon trying to get radio-locations on the GRID WR females while I caught up on field notes. From 1730-1830h Megan & Julie reset all WR traps and I worked on telemetry locations. We then reset RC drift fence traps by 1900h and MC drift fence

Hastings Reservation, Monterey Co., Calif

July 1 traps by 1915h. I also got a radio-location on ♀ 0100 - she was in the same spot as yesterday so I set 4 traps for her and 2 traps 20m below for ♂ 1381.

2215h - out checking traps on WR. Clear, low 50. Julie & Megan checked traps while I got radio-locations. Finished by 2330h.

July 2 0600h - out checking traps on MC. Clear, low 50's. Results on traps west of grid: (P. californicus only).

♀	0100	M	~~lact.~~	42.5 g	removed radio collar. Right rear foot wounded.
♂	1206	M	scrotal	34.5 g	

Started checking traps on RC drift fences by 0645h, and GRID WR by 0745h. Great results on WR this am - 3 new immature Pc. Finished by 0945h, bled the new Pc at the truck and released them at their capture points in good condition. Returned to lab by 1030 to spin blood, etc

Summary of results on WR -

	1 (0m)	2 (4m)	# ind
P. californicus	7	13 (3 new)	15
P. truei	8	22 (1 new)	23
P. boylii	0	2 (1 new)	2
Peromyscus	4 (1 new)	3 ♀	7
R. fuscipes	9 (1 new)	11 (1 new)	20
TOTAL	28	51 (6 new)	67 ind.

Today was sunny and warm (mid 80's). Megan left after lunch. This afternoon we finished up habitat measurements on the top rows (10 & 11) of MC and for the west sites on MC - what a bitch! We reset MC drift fence traps by 1830 (added 6 traps to the west fence). Reset all WR traps from 1845 - 1930h and got radio-locations (see spp acct). Reset RC drift fence traps by 2015h (added 8 traps to east & 6 traps to west fence). Decided to not check traps tonight - were exhausted!!

4hrs.

5:30
6:10

40
1.15
1.55

Pc 13
Pt 18
Wt 23
Pb 1
Mc 1 (1 new)
Pg 5
61

Hastings Reservation, Monterey Co., Calif

July 3 0530h - out checking traps on MC drift fences. Clear, low 50s. Started checking RC drift fences by 0615h. Ridiculous number of animals (47 total!), decided finish until 0745h and proceeded to check GRIDWZ. Alot of mice, again. Finished by 0915h and returned to lab to take vaginal smears. Summary of results on WZ - P. californicus - 13 captures
P. truei - 18 "
N. fuscipes - 23 "
P. boylii - 1 "
Microtus - 1 new
Peromyscus - 5
TOTAL 61 captures.

Today was sunny and warm (low 80s). Spent the rest of the day washing clothes, etc in prep to leave tomorrow. From 16-1700h we finished up the rest of the habitat work on GRIDMC (rows 5) and then reset MC drift fences. We proceeded to RC and opened up all traps leaving passageways open. Next we reset all WZ traps from 18-1900h - I also retrieved the radio collar from #1175 by retrieving her from her nest! (see spp acct).

July 4 *Independence Day* 0530h - Clear, calm, low 50's. Out checking traps on MC drift fences. Opened up all traps and left passageways open. Proceeded to check traps on GRID WZ by 0615h. Opened up all non-folding Sherman traps and picked up all folding trap. Finished by 0800h. Summary of results: P. californicus - 11 captures
P. truei - 2♀♀ 1 ♂ (1 new)
P. boylii - 3 "
N. fuscipes - 20 "
Peromyscus - 6 " (2 new)
Microtus - 1 "
TOTAL - 70 captures

Good finish! We packed up all equipment and departed for Berkeley around 0900h

Hastings Reservation, Monterey Co., Calif

July 6 Julie and I arrived back at Hastings today around 1700h - it's hotter than hell!! 104°F at the mailboxes today. From 18-1830h we ~~set~~ reset and baited RC drift fence traps (no extra traps set, just non-folding traps). Next time we set traps on GRID WR for ♀ 1549 which still has a radio-collar - set 10 traps between 2,1 and 1,-4. Set and baited all MC drift fence traps by 1930h. No traps to check tonight.

July 7 0600h - out checking traps on MC. ~~Cle~~ Clear, upper 70's. Started checking RC by 0640h and GRID WR traps by 0730h. Results on WR =

P. californicus

1549 39g ♀, M, Imp, par St 1, -4 Removed collar

1553 36.5g ♂, M, scrotal St 1, -4

Returned to the lab to take vaginal smears and clean cages - took rest of the morning.

Spent this hot afternoon (another 100+ day) at Arroyo Seco swimming .... Reset RC drift fence traps and sweep RC grid stations (for ♀'s 1364 and 030) from 18-1900h - Reset MC drift fence traps by 1930h

July 8 0600h - out checking traps on MC - few scattered clouds, mid 70's. Started checking traps on RC by 0640. Results on RC grid traps (*P. californicus* only):

St	Sn				
5,	15	1587	29g.	♀	SAD up, mill
5,	15	030	45g.	♀	Mat, perf, parous. Dusted BLUE-GREEN
6,	15	1582	28g	♂	SAD. TOO
5,	14	0400	41g.	♂	Mature, scrotal.
5,	12	1364	39g	♀	Mature, up, post-lact. Dusted BROWN

Finished by 0900h and returned to lab to take vaginal smears. Returned to field and spent the rest of the am taking habitat measurements on GRID RC.

Hastings Reservation, Monterey Co., Calif

July 8 (cont) Today was much cooler than yesterday, mid 90's with a good breeze. In the afternoon we returned to GRID RC and worked on more habitat measurements. Reset RC drift fence traps and some grid traps after 1900h, and MC drift fence traps around 1900h.

July 9 0600h - out checking traps on MC drift fences. Clear, cooler (lower 60's) Started checking traps on RC by 0645h. Opened up all non-folding Sherman set on Grid. GRID results (P. californicus only):

St.						
6,14	1582	29g	♂	Sad	TND	
5,14	0400	39g	♂	M	Scrotal	Blue-green visible in ears
4,14	030	44g	♀	M	Perf, par	
5,13	0110	39.5g	♂	M	scrotal	White-tail tip. No sign of powder (examined in dark)
(N) 5,13	1677	32g	♀	L Sad	Imp, null	Deformed anus-vulva
7,13	1579	28g	♀	Sad	Imp, null	
5,12	1589	29g	♂	Sad	TND	
5,12	1364	39g	♀	M	Imp, p-l	

Finished before 0800h and returned to lab to collect tissues from new Pc (above) and take vaginal smears.

This am we finished habitat measurements on GRID RC. This afternoon we finished on habitat measures on GRID MC from 14-1730h - finished ~ 50%. Today was sunny, upper 80's. We reset RC drift fence traps 18-1830, and MC drift fence traps and ~10 grid stations (survey PPS) by 1900h.

July 10 0600h - out checking traps on MC. Clear, low 60's. Results on GRID (P.c only:)

St.					
10,2	1206	37.5	♂	M	scrotal.
11,4	030	38	♂	M	Scrotal.
11,5	020	38.5	♀	M	Imp, parous. Dusted PURPLE.
10,6	1645	24.5	♀	Juv,	nullip.

Hastings Reservation, Monterey Co., Calif

MC Results (cont)

July 10 (cont'l)

9,18	040	37g	♂ M	scrotal
9,17	1460	41g	♀ M	lact, ~~preg~~ lactating.

Dusted GREEN

Started checking RC df traps by 0700h - finished by 0900h and returned to lab to collect tissues from new RC (# 1678) and take vaginal smears. Note that traps need to be added to the last RC df. Since we were up late (0100) last night at a social event, we got some sleep this am.

Today was warm (upper 80's) and clear. Skies were hazy from a large (~3,000 acres) fire burning at Big Sur. This afternoon we finished habitat measurements on 6210 WR (yah!). Rest RC drift fence traps by 1800h (added 10 traps to the east fence) and MC drift fence & selected grid traps by 1930h.

July 11 0600h - out checking traps on MC drift fences. Clear, low 60's. Results on grid MC traps (*P. californicus* only):

10,1	1206	♂	M	36g scrotal
11,4	1568	♂	Sad	29g TND
11,5	020	♀	M	36g Imp, par
10,6	1645	♀	Imm	23.5g Null

Started checking RC drift fence traps by 0700h and finished by 0745h. Again, capture success on east fence >50% (due to large number of closed traps). Returned to lab to bleed new RC (1679) and take vaginal smears. Julie spent the rest of the am working on the computer and I went out along Finch Creek and hiked around looking for places to trap. I'm looking for 2 areas to do male and female removals for next year's.

1600h - We began setting traps on the following 3 transects

1. "Lower Bridge Canyon" - This canyon starts ~ 200 m upstream

Hastings Reservation, Monterey Co., Calif

July 11 (cont.) from the "Lower bridge" along Finch Creek, running up the Arnold. The pipe from the Arnold spring runs down this canyon. Vegetation is similar to West Ravine - Buckeyes, laurel, Madrone, Sycamore, poison oak, ceanothus, etc. We set a transect with 20 stations, 2 traps per station, 15-20m between stations. Stations 1-10 run up the canyon along the bottom and 11-20 run back down canyon 20-40m above the canyon bottom on the south side II. "Finch Creek A" - this transect (10 stations, 15-20 m spacing) runs from the lower bridge (st #10) ~~up~~ the creek to about the ~~opening~~ confluence (st #1) with "Lower Bridge Canyon" above.
III. "Finch Creek B" - This transect (20 stations, ~10+ m spacing) runs ~~down~~ up Finch Creek from ~100m upstream from the Lower Bridge to ~100m from the Hastings Boundary.

Finished setting all these traps by 1830h, and reset RC and MC dryfit fence traps by 1930h.

July 12 0600h - out checking traps on MC dryfit fences - Low 60's, clear. Started checking RC dfs by 0645h and finished by 0730h.

Transect Results (ear-tagged all Pc, marked other species with marker pen)

all new

Lower Bridge Canyon:

St.		No	Wt	Sex	Age	Breeding	
2	N. fuscipes						
3	P. californicus	1680	35.5g	♂	Sad	TND	coll. tail tip
3	P. calif.	1681	34.5g	♂	L Sad	TND	
4	P. calif.	1682	40.5	♂	M	Scrotal (barely)	
5	N. fuscipes				Imm		
5	P. calif.	1683	32.5	♀	EM	Imp, null	
6	P. calif.	1684	25	♂	Imm	TND	
7	N. fuscipes						

Hastings Reservation, Monterey Co., Calif

	St		No	wt	sex	age	Breeding	Pc only Coll tail tip
July 12 (cont).	10	P. californicus	1685	44.5g	♀	M	Imp, par	
	11	N fuscipes				M		
	12	P. boylii		21g	♂	M	TND	
	12	P calif.	1686	27.5g	♂	Sad	TND	whitetail tip
	13	P. calif.	1687	40	♂	M	scrotal	
	15	P. calif.	1688	34.5	♀	M	Imp, null	
	16	N. fuscipes						

Finch Creek A

1	P. californicus	1689	49	♀	M	Imp, par	
1	P. boylii		22.5	♂	M	scrotal	
2	P. boylii		22.5	♀	M	Imp, null	
2	P. calif.	1690	41	♂	M	scrotal	
3	P. calif.	1691	31.5	♀	EM	Imp, null	
3	P. calif.	1692	31.5	♂	Sad	TND	
4	P. calif.	1693	29.5	♂	Sad	TND	
5	P. calif.	1694	36	♂	M	TND	
6	P. boylii		21	♂	M	TND	
6	P. calif.	1695	33.5	♀	EM	Imp, null	
7	P. californicus	1838	48	♀	M	Imp, par	lost hair around stomach
8	P. calif.	1696	40	♂	M	Scrotal	white tail tip
8	P. boylii		17	♀	EM	Imp, null	
10	P. calif.	1697	29.5	♀	Sad	Imp, null	did NOT collect tail tip
10	P. boylii		22	♀	M	Imp, null	

July 16: previously tagged

Finch Creek B ♂

1	P. californicus	1698	25g	♂	ESAD	TND	
1	Perognathus		26g	♀	M	imp, paro	

87-88 7
89-90 6
91 5
4
3
2
1

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July 12 (cont)

Finch Creek B cont

4	N. fresapes			SAD
4.	P. californicus	1699	32g. ♀	SAD, up, nullip
6	P. californicus	1700	41.5g. ♂	M scrotal
7	Peromyscus		24 ♀	M up, nullip
5	P. californicus	1708	43 ♂	M scrotal
5	P. boylii		24.5 ♂	M Scrotal
8	P. californicus	1709	36 ♂	M TWD
8	P. californicus	1710	44 ♀	M up, parous
9	P. californicus	1711	31 ♂	SAD TWD
10	P. boylii		25 ♀	M up, parous
12	P. boylii		21.5 ♂	M scrotal
	P. californicus	1712	41 ♀	M up, parous
13	P boylii		17g ♀	M up, nullip
	P. boylii		20.5g ♂	M scrotal.
14	P boylii		19 ♀	EM up, nullip
	P. boylii		23.5g ♂	M scrotal
15	P. californicus	1713	33 ♀	SAD. up, nullip
	P. boylii		22.5 ♂	M TWD (clone)
16	P boylii		19 ♀	M up, nullip Eye damaged
	P. californicus	1714	34.5 ♂	SAD, TWD (Early Mat)
17	P. californicus	1715	38 ♀	SAD, up, nullip
18	P. californicus	1716	37 ♂	EMat. TWD
19	P boylii		23.5 ♀	Mat up, parous
20	P. boylii		17.5 ♂	SAD TWD
	P. maniculatus		18 ♂	Mat scrotal

Fantastic results!! Finished after 1030h and returned to lab to process tails and take vaginal smears. Trap success was 57% (57/100); 31% which were P. californicus!

Today was warm (upper 80's) and clear. After some data entry this afternoon we reset all 3 transects from 1630-1800h and all drift fence traps by 1900h. On the RC east drift fence I replaced 10 folding shermans with non-folding shermans to try and decrease the number of traps closed w/no mouse

July 13 0600h - out checking traps on MC drift fences. Clear, calm, low 60's. Put a radio-collar on ♀ 138 (see Spp acct). Started checking RC drift fence by 0645h - fewer traps closed but trap success still over 50%. Started checking transects by 0800h

Hastings Reservation, Monterey Co., Calif

July 13 (cont.)

Lower Bridge Canyon results

	St.							
	1	P. californicus	1689	RECAP				
	2	P. calif.	1681	RECAP				
	3	P. calif.	1680	"				
	3	N. fuscipes	—	"				
N	4	P. calif.	1717	30.5g	♀	EM	Imp, null	
	4	P. calif	1682	RECAP				
	5	N. fuscipes	—	"				
N	5	P. calif.	1718	33.5g	♂	M	scrotal (barely)	
N	6	P. calif.	1719	24g	♂	Imm	TND	
N	7	P. calif.	1720	29g	♂	Sad	TND	
N	10	N. fuscipes	not marked with marker					
	10	P. calif.	1685	RECAP				
N	11	P. boylii	Ears notched	22g	♀	M	Imp, null	Ear notched
	11	N. fuscipes	—	RECAP				
	12	P. b.		RECAP	♂			
	12	P. californicus	1686	RECAP				
N	13	N. fuscipes	—	not marked				
	14	P. calif.	1687	RECAP				
	15	P. calif	1688	"				
N	15	N. fuscipes	not marked					
	17	P. calif.	1684	RECAP				
N	20	N. fuscipes	not marked					
N	20	Perognathus	0160	21.5g	♂	M	TND	toe clipped

Collected tails from all new Pc

Finch Creek A:

N	1	P. californicus	1721	42g	♂	M	Scrotal	
N	1	P. calif.	1722	36.5g	♂	M	Scrotal	
	2	P. boylii	RECAP		♀	M		
	3	P. calif	1690	RECAP				
N	3	N. fuscipes	marked					
	4	P. californicus	1693	RECAP				
N	5	P. calif.	1723	33g	♂	EM	Scrotal	
N	6	P. boylii	marked	23g	♀	M	Imp, p-l	Bob tail — caught in same trap
	6	P. californicus	1696	RECAP				
	7	P. calif.	1695	"				
	7	P. calif	838	"				caught in same trap
N	7	P. calif.	1724	15.5g	♂	Imm	TND	
N	8	P. calif.	1725	43.5	♂	M	Scrotal	
N	9	N. fuscipes	marked					
N	10	P. calif.	1726	31g	♂	EM	TND close	

Finch Creek B:

	1	P. californicus	1699	Recap			Coll. tail	
	2	P. californicus	1710	"			" "	
W	2	P. californicus	1727	44.5g	♀	M	wp, p arrow	~~co~~ didn't coll.
	3	P. boylii	New	12.5g	♀	Im	, nullip	
	3	P. boylii	New	15	♀	Im	, nullip	

Hastings Natural History Reservation, Monterey Co., Calif

July 13 (cont) | Finch Creek B cont

	4	P. californicus	1694	ReCAP coll tail
②	4	P. californicus	1728	24g. ♀ SAD up, nullip coll tail
	5	P. californicus	1708	ReCAP coll tail
	6	P. californicus	1700	ReCAP coll tail
	6	P. boylii	New	22.5g ♂ M scrotal
	7	P. boylii	New	22 ♂ M scrotal
	7	P. boylii	New	16.5 ♀ SAD nully
	8	P. californicus	1709	ReCAP coll tail
	9	P. californicus	1711	" "
	10	P. boylii	ReCAP	♀ Mat
	11	P. boylii	New	17g ♂ SAD TWD.
②	11	P. californicus	~~1729~~ 1714	ReCAP coll tail
	12	P. boylii	New	23g. ♀ Mat up, parous
		P. boylii	New	23 ♀ Mat up, parous
		Peromyscus	New	23 ♂ mat TWD
	13	P. boylii	New	19g ♂ S un TWD
	14	P. boylii	ReCAP ~~New~~	24 ♂ M
	15	P. boylii	ReCAP	♂ M
		P. boylii	New	23 ♀ M up, parous
	16	P. boylii	New	21.5 ♀ M up, nullip
		P. boylii	ReCAP	♀ M
46 36	17	P. californicus	1716	ReCAP. coll tail
②	18	P. californicus	1729	42g ♀ Mat, up, parous coll tail
68 36	19	P. boylii	Recap	♀ Mat
		P. boylii	ReCAP	♂ SAD

Again, phenomenal results - 68% trap success. Finished by 1030h and returned to lab to process trails, etc. Took a radio-location on 1381 before noon (see telemetry data). Also, ~~today was~~ we picked up all hygro thermographs there because Dan Meich wants to use them for the next few days.

Today was warm (low 90's) and breezy. This afternoon we worked on mapping location & sex of trees on 6210 MC. Reset all traps from 17-1900h. We didn't set the west MC drift fence to avoid catching ♀ 1381 (radio-collared)

July 14 0600h-

Hastings Reservation, Monterey Co Calif

July 14 (Cont)

Lower Bridge Canyon results:

	sta.					
	1	P. boylii	21g	♂	M	TND
	1	P. californicus	1689		RECAP	
	2	P. calif.	1680		"	
	3	N. fuscipes			"	
	3	P. calif.	1681		"	
N	4	P. calif.	1730	19g ♂	Im	TND
	5	P. calif	1682		RECAP	
	6	P. calif.	1719		"	
	6	P. calif	1720		"	
	7	P. calif.	1718		"	
	8	P. calif.	1687		"	
N	10	P. calif.	1731	42g ♀	M	p-l
	10	N. fuscipes	not marked			
N	11	P. californicus	1732	27g ♂	Sad	TND white tail tip
	12	N fuscipes	not marked			
	12	P. calif.	1686		RECAP	
N	14	P. calif	1733	25.5g ♂	Sad	TND
	15	N fuscipes	not marked			
	17	N. fuscipes	not marked			
	17	P calif.	1734	24g ♀	Imm	Null
N	19	Perognathus		15.5g ♂	Imm	TND
	20	Perognathus	marked (0100)	♂		
	20	P. calif.	1717		RECAP	

Finch Creek A:

	1	P. californicus	1721		RECAP	
N	1	P. calif.	1735	26.5g ♀	Sad	Imp, null
	2	P boylii	marked - RECAP	21.5 ♂	M	scrotal
	3	P. calif.	1692		RECAP	
	3	N. fuscipes			RECAP	
	4	P. calif.	1693		"	
	4	P. calif.	1691		"	
	5	P. calif.	1690		"	
	5	P. calif.	1723		"	
	6	P. boylii	marked		"	
N	6	P. boylii		15g ♀	Imm	Null
	7	P. calif.	838		RECAP	
	8	P. calif.	1696		"	
	9	N. fuscipes	marked		"	
	10	P. calif.	1697		"	- collected tail
	10	Microtus		39.5g ♀	M	Null

Finch Creek B

1	P. californicus	1698	RECAP		
2	P. californicus	1700	"		
2	P. californicus	1709	"		
3	P. boylii	RECAP		Imm	
3	P. californicus	1727	RECAP.	coll tail	
4	P. californicus	1699	"		
	P. boylii	RECAP	♂	M	
6	P. californicus	1728	RECAP		

Hastings Reservation, Monterey Co., Calif

July 14 (cont)

Finch Creek B cont

7. P. boylii New 17g ♂ SAD, TAD
8. N. fuscipes New
9. P. californicus 1711 RECAP
10 P. boylii RECAP lump
11 P. boylii RECAP Mat
12 {P6 New 18 ♀ M milky
{P6 New 16.5 ♂ M TAD
13 {P6 New 16.5 ♀ SM milky
{P6 RECAP ♂ M
14 {P. californicus 1713 RECAP coil tail
{P6 RECAP M
15 P6 RECAP M
P6 RECAP ♀ M
16 P6 RECAP ♀ M
17 P. californicus 1715 RECAP coil tail (white tail tip)
P. boylii New 23 ♀ M nip, parous
(N) 18 P. californicus 42g 1736 ♂ M scrotal (coil tail tip) Ears chewed up, tipped
19 P. californicus 1729 RECAP
P6 RECAP SAD ♂
20 P6 RECAP M ♀
P6 New 18.5g ♂ SM TAD

Finished checking traps by 1010h. Again 68% trap success with 36 Pc. We picked up all traps as we checked them this am. Returned to lab to freeze tails and take vaginal smears

Today was warm (upper 80's) and breezy. We spent the afternoon cleaning mouse cages - yippee-shippee. At 1630h we started setting traps on dispersal transects on GRID WEST. We set 2 transects in the two arroyos that start at the upper (SW) end of the grid - called SOUTH (parallels road) and WEST. Protocol was same as dispersal sessions previous - 2 traps per station, 20m between stations, each ~~stat~~ transect starts 50m (st #1) from GRID. The south transect runs 50 stations straight through (station 1 - 49, 0.5km); the west transect runs 1 - 23 then splits into two arroyos - 2$\frac{5}{6}$ - 37 and 2~~5~~B - 35B (50 stations total). Habitat throughout is similar to West Ravine Grid, with a bit less shrub cover on the south transect.

Hastings Reservation, Monterey Co., Calif

July 14 In a word, it was a BITCH setting these! Uphill, and lots of poison oak and shrubs to cut through. We didn't finish setting traps until close to 2100h. We were so exhausted and because it was getting dark, we didn't set any of the drift fence traps.

July 15 0630h - out checking traps on WR dispersal transects with Megan Gaber (she arrived last night). Foggy, mid 50's thus am. Only caught 3 tagged Pc, all close to the grid. Did catch quite a few new Pc which we ear-tagged and collected tail tips. Finished after 1000h and returned to lab to process tails and take vaginal smears.

Today was warm (upper 80's) and breezy. This afternoon we worked on location & size of trees on 6 RIB MC. Reset WR dispersal trapline from 1630-1800h & I reset the "South Arroyo" and Julie and Megan reset "West Arroyo". All stations were shifted 10m away from grid. Reset MC and RC drift fence traps by 1900h. Also set traps for #1381 at woodpile (see telemetry data).

July 16 (10) 0600h - out checking traps on MC. Clear, low 50's. Tagged new juvenile at woodpile (#1758 16g, ♀ hmm) and removed the radio-collar from #1381 (see telemetry data). Proceeded to check and pickup dispersal traplines on WR. Finished after 1000h and returned to lab to take vaginal smears and collect tissues from 1758. Julie and Megan returned here in good shape by 1100h.

I took off for Berkeley today, will be back mañana. Julie will take the ~~shift~~ next 24h off..

July 17 Arrived back by 1500h this afternoon. We set and baited all traps on 6 RIB RC from 17-1830h, and MC drift fence traps by 1900h. Set traps again at the upper woodpile for offspring of ♀ #1381.

Hastings Reservation, Monterey Co., Calif

July 17 2200h - out checking traps on RC. Clear, low 70's, moon is almost full and rising in the east. Not many animals this PM. Finished by 2300h

July 18 0600h - out checking traps on MC. Clear, mid 60's. Results at woodpile - (Pc only)

P. californicus
1381 41g ♀ M p-l

0200 39.5g ♂ M scrotal

Started checking traps on RC by 0630h and finished by 0845h.

Summary of results:	17 (PM)	18 (AM)	# ind
P. californicus	6 captures	11 captures	12
P. boylii	2 "	13 (1 new)	13
N. fuscipes	4 "	6 "	10
Peromyscus	3 (1 new)	10 (3 new)	11
TOTAL	15 (1 new)	~~40~~ 40	46

Note that we started toe-clipping all Pc in case of future ear-tag losses (see Pc spp acct for numbers). Returned to lab to take vaginal smears. Spent the rest of the am working on MC habitat measures. It was hot early today (mid-90's), but this afternoon a stiff breeze kept the temperature ~~down~~ from getting hotter. Spent the afternoon working on entering data. Reset all GRID RC traps from 18-1900h, and MC drift fence traps (including woodpile traps) by 1930h.

2010h - out checking traps on ~~MC~~ RC. Clear, low 60's. Moon is full tonight, but it hasn't risen high enough yet to shine on the grid. Results about same as last night. Finished by 2300h.

July 19 0600h - out checking traps on MC. Clear, low 60's. Results at woodpile (Pc only): - No Pc captured. Started checking RC traps by 0650h. About same results as yesterday. Returned to lab by 0900h to take vaginal smears. Spent the rest of the am finishing habitat measurements on GRID MC.

WR 1750h 15°C, 33°C / 27°

RC 1040 12 – 31 , 27.5

MC 1910 16 – 33 , 27

Hastings Reservation, Monterey Co., Calif

	18 (Am)	19 (Am)	# ind
Summary of results on RC - P. californicus	6 captures	11 captures	12
P. boylii	9 "	13 "	15
N. fuscipes	4 "	4 "	8
Peromyscus	6 "	8 " (1 new)	9
TOTAL	25 "	36 "	44 ind.

July 19 (cont).

Today was warm (low 90's) and breezy. This afternoon we started and finished Buckeye and Bay tree measures on GRID RC - only WR to go. Reset all GRID RC traps from 1815-1900h and MC drift fence traps by 1930h.

2200h - out checking traps on RC. Clear, low 60's, moon (¼ full) is rising in east. After checking traps, we set up a dyadic encounter test between 0° 1955 and lab # 1511 (see Spp. acct.)

Sk Returned around 2330h.

July 20 0445h - out on GRID RC to conduct dyadic encounter test between 1955 - 1511 (see Spp Acct). Clear, low 50's, moon in western skies - Started checking traps around 0530h, finished by 0730h. Returned to lab and I took vaginal smears from lab #'s while Julie checked MC drift fence traps. Summary of results on RC -

	19 (Pm)	20 (Am)	# ind
P. californicus	4	10	12
P. boylii	8	9	14
N. fuscipes	8	1	9
Peromyscus	8 (1 new)	10 (2 new)	13
TOTAL	28	30	48

Julie went into town today and I worked on the computer. Today was warm (low 90's) and breezy. We reset RC grid traps from 1800-1845h and MC drift fence traps by 1900h.

Hastings Reservation, Monterey Co., Calif

July 20 Decided to set some rest tonight and not check traps

July 21 0600h - out checking traps on MC. Some scattered clouds, low 50's. Started checking traps on Grid RC by 0650h and finished by 0830h. Good results considering we only checked traps once.

Summary of results on RC - P. californicus 13 captures
P. boylii 14 "
N. fuscipes 9 "
Perognathus 9 "
TOTAL 45 captures.

Spent the rest of the am cleaning mouse cages in the lower barn. Today was warm and breezy. Spent the afternoon working on the computer. Reset all RC traps from 18-1845h. Set 5 traps around 4, 6.5 to try and catch offspring and mate of ♀020. Reset ~~all~~ MC drift fence traps by 1915h.

2300h - out checking traps on RC - Clear, low 60's, moon hasn't risen yet. Stopped halfway and set up dyadic encounter between ♂0110 and lab ♀1491 (see spp acct). Finished checking all traps shortly after 2300h as moon began to rise in east.

July 22 0445h - out on grid RC to conduct dyadic encounter (see spp acct) - big flop ---- Started checking all traps at 0530h - Pickedup or opened up all traps as we checked. Finished by 0730h and released new RC (1708, ♂) at truck and released bair in good shape. Returned to lab and it took smears from ♀'s and spun blood, while Julie checked MC drift fence traps. Finished by 0900h.

Summary of results on RC:	21 (Jun)	22 (Jul)	End
P. californicus	7 captures	17 (new)	13
P. boylii	5	14	15
N. fuscipes	7	6	13
Perognathus	9	9	10
R. megalotis	0	1	1
TOTAL	28	36	52 end

Ribble DD
1989

Journal - Temp Data
(min/max thermometer)

Hastings Reservation, Monterey Co., Calif

	GRID WR (min-max-current)	GRID RC	GRID MC
July 18	1750h 15°C-33-27 (Then # 2)	1840h 12-31-27.5 (Then # 3 ↓)	1910h - 16-33-27 (Then #1 ↓)
July 19	1905h 15-35-25	1815h 10-32-29	1925 16-34-26
July 20	1745h 14-35-26	1815h 10-32-29	1850h 12-34-27
July 21	1830h 12-34-26 (Then # 3 ↓)	1905h 9-32-31 (Then # 1 ↓)	1850h 13-35-28 (Then # 2 ↓)
July 22	1400h 14-33.5 (0900h)	1920h 9-31-28	2300h - 14-36 20
July 23	1850h 16-34-25	1905h 12-30-28	1800h 16-36-31
July 24	1910h 15-33-25	1855h 11.5-31 (Then) -29	1800h 12-36-32
July 25	1910h 14-32-23 (Then # 1)	1920h 8-31-24 (Then # 2 ↓)	1820h 15.5-325-27 (Then # 3 ↓)
July 26	1905h 10°-28-21	1915h 4-27-23	1820h 9.5-31-26
July 27	1650h 11-31.5-27	1745 3-31.5-30	1810h 12-35.5-29

Hastings Reservation, Monterey Co., Calif

July 22 (cont) Spent the rest of the am catching up on some sleep...
After lunch we worked on mapping Bay and Buckeye 3 on Grid WR - got about 3/4 finished. From 1530-1645h we set and baited traps at all stations on Grid MC (set early so we could attend a pot-luck supper). Went out later and reset all RC drift fence traps plus traps around ~4,6.5 by 1930h.
2215h - out checking traps on Grid MC. Clear, mid 60's, no moon yet. Good results this PM. Returned by 2315h with a new Pc.

July 23 0600h - out checking traps on MC. High scattered clouds, low 60's. Finished checking MC by 0730h and proceeded to check RC. Results on traps (ready).
St. 4,6.5
1768 15.5g. ♂ Imm TND.
Finished checking trap by 0840h and returned to lab to collect tissues from new Pc (1768) and take usual smears.

Summary of results on MC -

	22 (Thurs)	23 (Fri)	# ind
P. californicus	9 (1 new)	6	11
P. boylii	6	10	13
P. truei	1	0	1
Peromyscus	3 (1 new)	7 (1 new)	7
N. fuscipes	1	0	1
TOTAL	20 (2 new)	23 (1 new)	33 total

Better results than I had anticipated. Returned #1768 to his capture point by 0930h in good condition. Spent the rest of the am finishing habitat measures on Grid WR. - finished !!! Wraps up all measures!
Today was warm and clear, just like the past several days...
Spent the afternoon working on the computer. Reset all MC traps from 1745-1845h and RC drift fence traps (and traps around 4,6.5) by 1930h.

Hastings Reservation, Monterey Co., Calif

July 23 (cont) 2210h - out checking traps on MC. Clear, no moon, low 60's. Fewer mice tonight. Finished by 2300h.

July 24 0600h - out checking traps on MC. Clear, upper 50's. Better results than last night. Finished by 0745h and proceeded to check RC dft's. Results on grid.

St. 4, 6.5
1768 Recapture
020 46.5g ♀ m p-l Dusted orange } caught in same trap

Finished by 0845h and returned to lab to take vaginal smears (see acct for ♀ #461 – helpful behavior observed!) and collect tissues from new PC (1720). Summary of results:

	23 (Pm)	24 (Am)	# ind
P. californicus	5	7 (1 new)	11
P. boylii	7	10	11
P. truei	0	2	2
Peromyscus	5 (1 new)	5 (1 new)	7
N. fuscipes	1	2	3
TOTAL	18 (1 new)	26 (1 new)	34 total

Julie returned #1720 to its capture point by 0930h. Spent the rest of the am working on the computer.

Today was warm and breezy. We spent the afternoon working on the computer, again. Reset all MC traps from 1730-1830, spending time re-marking and pounding in stakes securely. Reset RC drift fence traps by 1900h.

2200h - out checking traps on grid MC. Clear, no moon, low 60's. As with last night, few captures this PM. Set up a dyadic encounter between ♂ 1206 and lab ♀ 1477 (see spp acct.) Finished by 2315h

July 25 0450h - out on MC to conduct dyadic encounter. Another fucked-up test - the ♂ 1206 apparently dug out under the enclosure. We went ahead and conducted a test with ♀ 1477 against ♀ 1460 at St 8, 07 (see spp acct). Started checking traps by 0545h and finished shortly after 0700h. Finished checking RC drift fence traps by 0800h

Hastings Reservation, Monterey Co., Calif

July 25 (Sat) and returned to lab to bleed new PC (#1771) from last night and take vaginal smears. Summary of results on MC - *P. californicus*

	24 (Pm)	25 (Am)	# ind
P. californicus	4 (new)	6	10
P. boylii	6	13	15
P. truei	1	1	1
Perognathus	3	5 (new)	6
N. fuscipes	1	2	3
TOTAL	15	27	35 total

Julie released #1771 in good shape by 0900h - Spent the rest of the am working on the computer.

Today felt cooler than previous days, probably due to cool breeze today. We reset all MC traps from 18-1900h - Added 4 more traps to both east and west drift fences, and set 10 traps around the woodpile below the cabin for pups of ♀♀ 1381 - Reset RC drift fences by 1930h.

2200h - out checking traps on MC - Clear, cooler than previous nights. Much better results than previously. Results at woodpile (Pc only): 1758 20g Lmm ♀? - no sign of powder.

July 26 0900h - checking traps on MC. Low (cooler) 50's, clear. Results at woodpile (Pc only): 1381 43g. ♀, M, mp, pmam. Dusted brown.

Finished checking MC traps by 0930h and RC drift fence traps by 0900h. Returned to lab to collect more tissues from Pc (#1773).

Summary of results on MC - *P. californicus*

	25 (Pm)	26 (Am)	# ind
P. californicus	9	12	13
P. boylii	7	14	17
P. truei	1	2	2
Perognathus	3	9	8
N. fuscipes	1	0	1
TOTAL	21	36	41 total

Much better results, probably due to cooler weather. Julie released 1773 in good condition by 1000h. We went swimming the rest of the day---

Hastings Reservation, Monterey Co., Calif

July 26 (cont) Reset all MC traps this afternoon, including woodpile traps, from 18-1900h. Since RC drift-traps are once again saturated, I won't set those for the next 2 days. Today was much cooler - low in ~~the~~ 80's.

Since this is Julie's last night (time flies!!-), we are having a special dinner and we won't check traps

July 27 0600h - out checking traps on MC (with a hangover). Clear and calm. Moon is ~¼ full and overhead. Good results for last trap occasion. Picked up all folding Shermans and opened up all non-folding Shermans. No Pc captured at woodpile. Summary of 6RID results: P. californicus - 11 captures

P. boylii	- 12 "
P. truei	- 2 "
Peromyscus	- 7 "
M. fuscipes	- 2 "
TOTAL	34 captures

Spent the rest of the day washing clothes, etc (and resting!) Today ~~Reset~~ we set and baited all traps on 6RID WR from 1630-1730h (a bit early so Julie will be ready to leave when her dad comes) and MC drift fence traps ~~fence~~ by 1800h. Today was warmer (low 90's) than previous few days. Julie took off this evening - worked out well!

2220h - out checking traps on WR. Clear, no moon, low 60's. ~~Most~~ of mice this AM. Toe-clipped all Pc (see spaces for #'s). Finished by 2340h and headed home.

July 28 0600h - out checking traps on MC drift fences. Clear, low 50's. Started checking traps on 6RID WR by 0700h. Again, alot of captures. Finished by 0900h and then tied new RC (178e) at truck. Released him in good shape by 0930h and returned to lab.

Hastings Reservation, Monterey Co., Calif

July 28 (cont)

Summary of results on WR -

	27 (PM)	28 (AM)	# LIVE
P. californicus	13 (1 new)	8	15
P. truei	9 (2 new)	17 (3 new)	21
N. fuscipes	14	7	21
P. boylii	0	2	2
Perognathus	4	10 (1 new)	10
TOTAL	40 (3 new)	44 (4 new)	69

Returned to lab to spin blood - Spent rest of am sacrificing half of lab animals (see catalog).

Today was very pleasant (low 80's) with a nice breeze. Spent the afternoon cleaning cages. Patrick Kelly arrived down today, with Soozi, and needs more of his Neotoma traps. Reset GRID WR traps from 1730-1830h and brought back 5 boxes (10 traps) of 10 out on GRID WR. Set RC drift fences by @ 1900h and MC drift fences by 1930h.

Thus PM I had planned on trying to photo some of the remaining lab animals with fluorescent powders, but I examined them (2230h) and decided they need more powder. So, I redusted both #8's. Didn't check traps this PM.

July 29 — Moon is <40% full and just rising.

0545h - out checking traps on MC. Clear, 50's. Alot of mice, including a torpid Perognathus (new) which I brought back. Started checking RC drift by 0630h. Ridiculous number of captures! Both fences above 50% (I don't think will add traps since only 3 more days). Started checking WR by 0750h. Good results for morning only check.

Summary of WR results:

P. californicus	15 captures	
P. truei	20	"
N. fuscipes	16	"
P. boylii	2	
Perognathus	8	" (1 new)
TOTAL	61	" (1 new)

{13 traps closed}

Hastings Reservation, Monterey Co., Calif

July 29 (cont) Total of 125 captures (254 traps, 49% success) Mus am — not bad. Spent the rest of the day working on the computer and beginning to pack. Today was cooler (low 80's) and clear. Reset all GRID WR traps from 1730-1830h, RC and MC drift fence traps by 1930h. ~~Jon~~

This evening Patrick and I photographed 2 of the lab animals with fluorescent powder and collected tissues from them afterwards (see Catalog).

July 30 0540h - out checking traps on MC drift fences. Clear, low 50's - Started checking traps on LC drift fences by 0630h - again, both fences above 50% success. Started checking GRID WR by 0800h. Once again alot of captures, but fewer closed traps this am. Finished by 0930h.

Summary of results on WR - *P. californicus* 14 captures
P. truei 23 "
N. fuscipes 16 "
P. boylii 2 "
Peromyscus 9 " (1 new)
TOTAL 64 captures

Total of 123 captures this am. Spent the rest of the am into pm handling and collecting tissues from the remaining mice in the lab colony and cleaning and putting all the cages up.

Today was cooler, again (low 80's). Reset all WR traps from 1730-1830h. Reset RC drift fences and several grid stations (≈12) to try and catch offspring of ♀♀ 1364 - finished by 1930h. Didn't reset MC drift fences

July 31 0615h - out checking traps on RC. Clear and cool (40°F). West of ≈< 50% but east of > 50%. Started checking traps on WR by 0800h. More traps closed today (14) and fewer animals captured. Finished by 0930h and returned to lab to bleed "new" Pc (1427) from RC.

Hastings Reservation, Monterey Co., Calif

July 31 (cont) Summary of results on GRIDWR: P. californicus - 11 captures
P. truei - 19 "
N. fuscipes - 17 "
P. boylii - 2 "
Peromyscus - 7 "
TOTAL 56 captures.

Returned #1467 Pc to its capture point in good shape by 0900h. Spent the rest of the am picking up all traps and moving them onto grids (both WC & RC).

Today was clear, mid 80's. Went into Salinas for dry ice this afternoon and began packing. Reset all GRID WR traps from 18-1900h and select RC grid traps by 1930h. Tomorrow is my last trapping night of the season - certainly pleased to finishing up, but melancholy about leaving Hastings ---

Aug 1 0600h - out on RC checking traps. Clear, cool (low 40's). Opened up all traps as I checked - total 8 Pc. Started checking WR trap grid by 0700h. Good results for this final trap check. Opened up all non-folding Shermans, picked up all folding Shermans and all Nestronca (traps). Finished by 0900h.

Summary of results on WR - P. californicus - 14 captures
P. truei - 19 "
N. fuscipes - 22 "
P. boylii - 2
Peromyscus - 7
TOTAL 64 captures.

Spent the rest of the day cleaning cabin, packing, etc, etc. Took off for Berkeley by 1800h - end of productive era!

Hastings Reservation, Monterey Co., California

Oct 5 Arrived at Hastings this afternoon around 1600h under clear skies, temp in low 60's. All the oaks still have their leaves, the buckeyes have lost theirs, Douse oak still have some red leaves, and some grasses and forbs have begun growing. Bay trees have started dropping their seeds - looks like a good crop.

Set traps and baited traps on all GRID RC traps from 1030-1730h. Note I didn't set any Neotoma traps. Set and baited all WR traps from 1745 to 1900h. Finished just before dark, so I didn't have time to set any Neotoma traps.

2115h - out checking traps on RC with Donna, the new woodpecker field assistant. Clear, low 60's, moon is ~¼ full and ~~was~~ set just before we started. Excellent results this PM. See P. californicus sop sect for tissue collection ~~family~~ procedure. Finished by 2300h.

Oct 6 0700h - out checking traps on WR - it's clear, low 50's. Good results with not many (~10) traps closed by Neotoma. Started checking traps on GRID RC by 0900h. Again, good results. Finished by 1100h and returned to lab to prepare 3 mortalities.

Summary of results on WR:

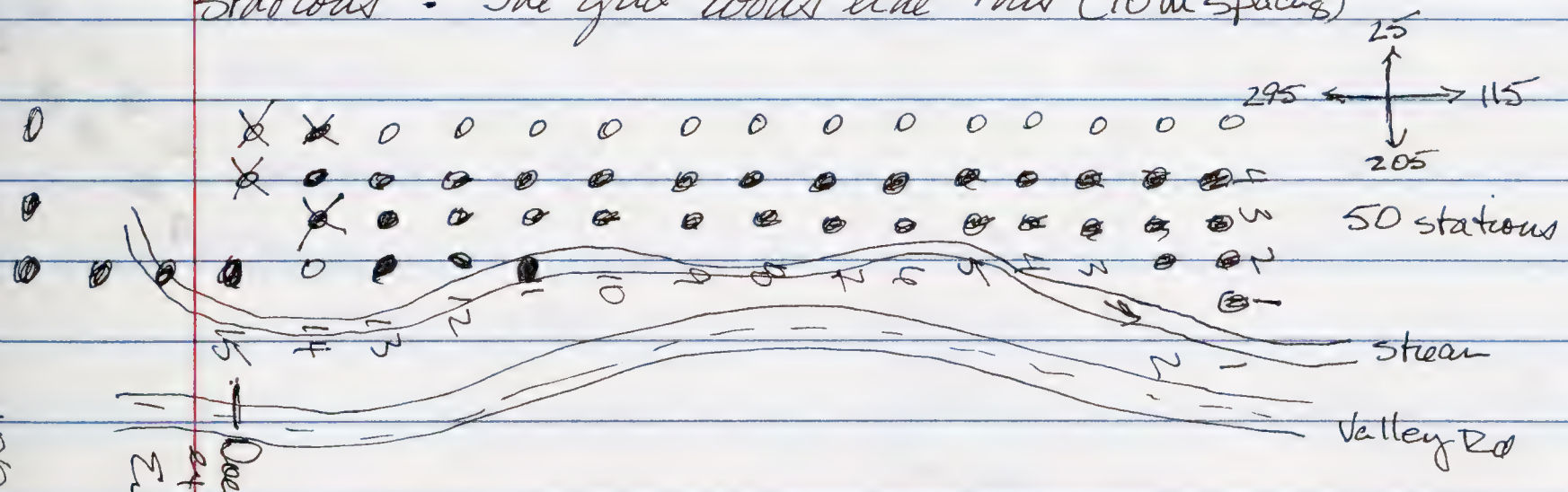
		RC:	5 (Am)	6 (Am)	Total
P. californicus	12 (1 new)		11	12	15 (4 new)
P. truei	14		—	—	
N. fuscipes	3 (1 new)		1	1	2
Peromyscus	10		7 (1 new)	14 (3 new)	16
TOTAL	39 (2 new)	P. boylii	2	9	9
		P. maniculatus	1 (1 new)	0	1
		Sorex	1 (1 new)	2 (1 new)	3
			23	38	46

115
1900
95

Hastings Reservation, Monterey Co. Calif

Oct 6 Spent the rest of the afternoon setting up a new grid near the upper bridge along Finch Creek - Mega arrived this afternoon as well. We got a good start on the new grid (see details later), stopping around 1600h to reset traps. Reset WR and RC traps by 1800h. Added 6 Neotoma traps to RC. 2130h - out checking traps on RC. Clear, low 60s, no moon. As with last night, very good results. Finished by 2300h.

Oct 7 0700h - out checking traps on WR with Mega & Donna. Clear, low 50s. Finished by 0900h and proceeded to check RC. Finished checking all traps by 1100h. Mega and I worked on finishing up the rest of the grid. We call this Upper Bridge 2. We didn't number any of the stations. The grid looks like this (10m spacing)



Summary of trap results:

			(6 PM)	7 (AM)	# ind
WR:	P. californicus	10	RC: 9	13 (1 new)	14
	P. truei	15 (2 new)	—	—	
	N. fuscipes	7	8	3	11
	Sorex	1			
	Peromyscus	14 (1 new)	10 (1 new)	13	13
	TOTAL	47 (3 new)	Ploufi 4	6	8
			P. maniculatus 0	1	1
			R. megalotis 0	1	1
			TOTAL 31	37	48 total

Hastings Reservation, Monterey Co., Calif

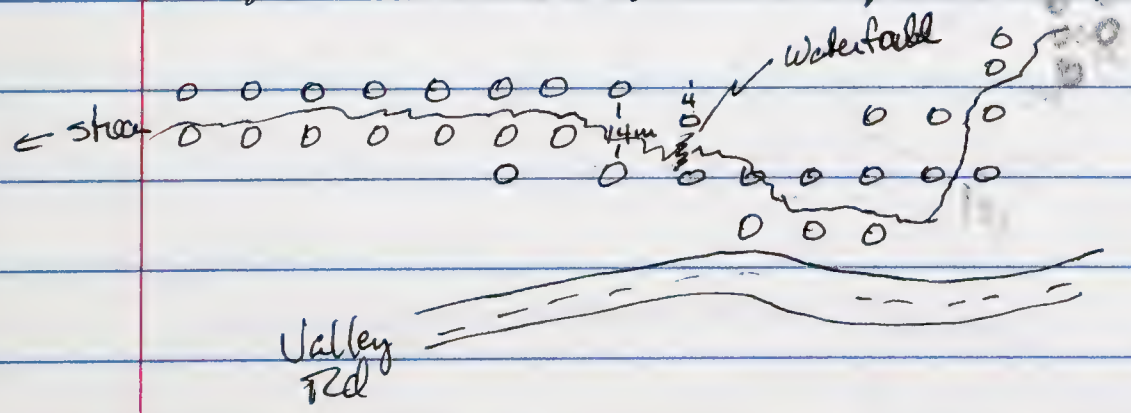
Oct 7 Spent the afternoon at the Hastings Open House festivities. Quote the crowd! From 1700-1830, Megan, Claudia (down for the open house) and I reset WR and RC grid traps.

2200h - out checking traps on RC. Clear, low 60s (definitely warmer), moon is ½ full and setting in the west. Due to the late hour, we only checked those traps where the pregnant Pc are usually captured. Finished by 2315h.

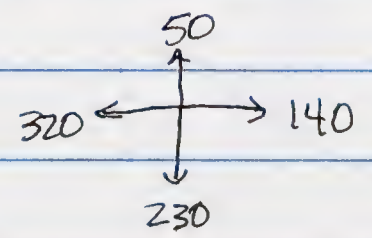
Oct 8 0645h - out checking traps on RC - Clear, upper 50's. Picked up or opened up all traps as we checked. Finished by 0830h and proceeded to check WR traps (again picked up traps). Finished by 1030h. Summary of results:

	WR	RC:	7 (Ran)	8 (Ran)	11 (Ind)
P. californicus	9		8	12	12
P. twitti	15		—	—	—
N. fuscipes	9		5	6	11
Peromyscus	16		8	16	16
Sorex	1		0	1	1
TOTAL	50	P. maniculatus	0	1	1
		P. boylii	1	7	8
		R. megalotis	0	(1 (Ran))	1
		TOTAL	22	44	50 ind

We worked until 1300h staking out a grid above the upper bridge - designate UPPER BRIDGE 1. We finished the following:



32 stations

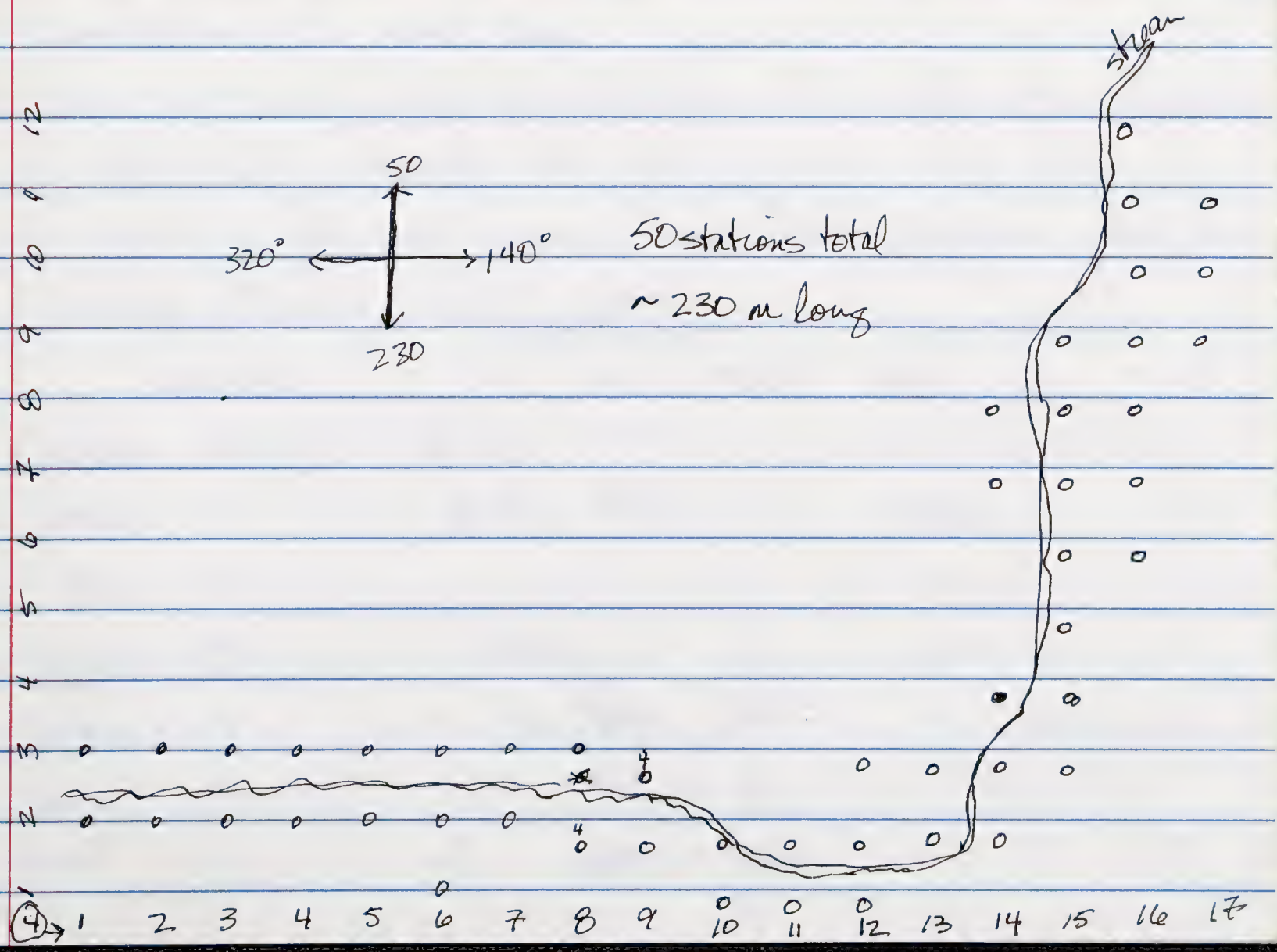


Hastings Reservation, Monterey Co., Calif.

Oct 8 (cont) Returned to lab and prepared mortalities from last 2 days as alcoholic specimens. Packed up and left for Berkeley shortly after 1500h.

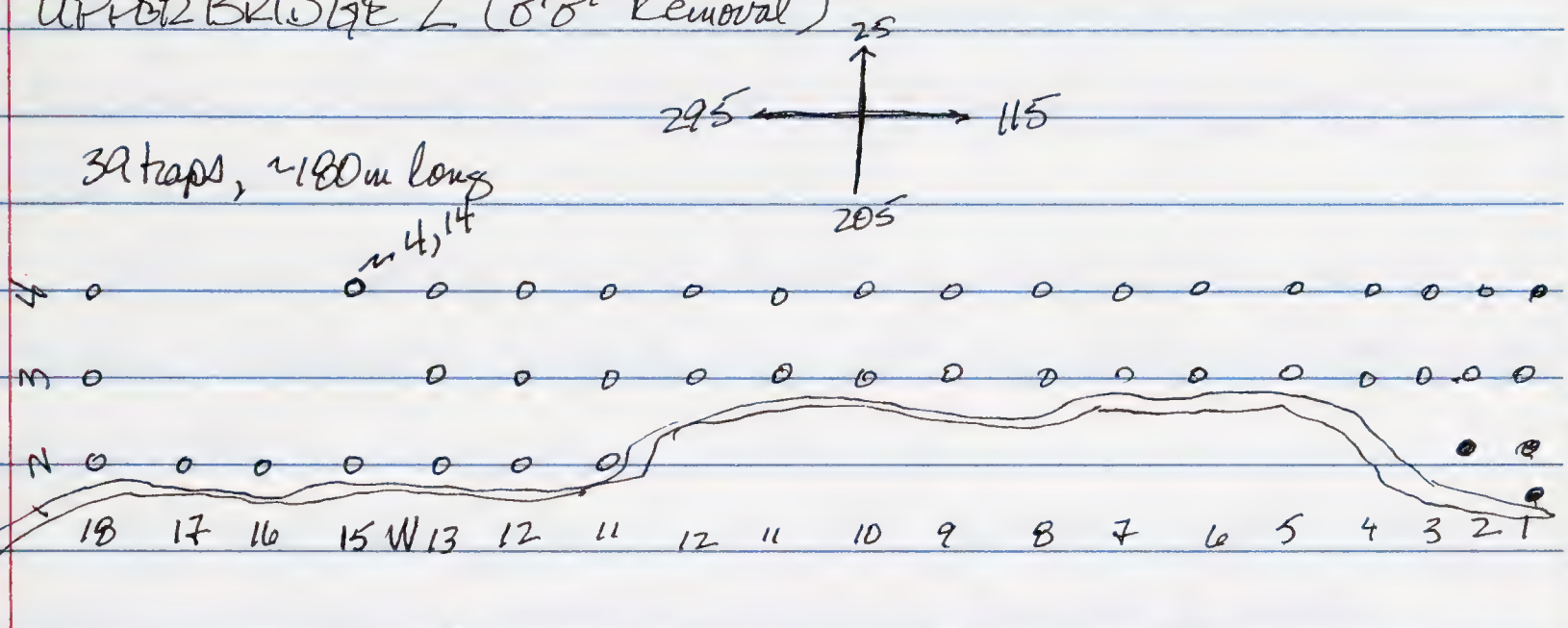
Nov 3 Arrived backdown to the motherland today at 1300h (PST - non DST) with Francis Villablanca. Skies clear and warm (upper 70's). Some green grass in valley bottoms and sycamores and maples have turned yellow (most leaves still present). We hustled out to finish staking out and UPPER BRIDGE 1. Added 22 more stations (total 50, see map below). Julie and Megan showed up in time to help set traps on UB1. Next we added 6 more stations to UB2, and set traps at 39 stations (see map below). Finally, we hustled and set all traps on GRID MC from 1645-1730h, finishing just as it began to get dark. (350 total traps set).

MAP OF COMPLETED GRID UPPER BRIDGE 1 (& Removal)



Hastings Reservation, Monterey Co., Calif

Nov 3 (cold) UPPER BRIDGE 2 (♂♂ Removal)



Before going out to ~~lunch~~ we flipped a coin to determine which sex to remove from each grid (2-♂, 1-♀'s).

2100h - out checking traps on both UB grids. Clear, low 50's, moon is ~¼ full but set 30 min earlier - Good results for first night. We toe-clipped all species, and "removed" the appropriate Pc from each grid (via thoracic squeeze). Finished by 2330h and returned for some sleep.

Nov 4 0630h - out checking traps on MC this am. Clear, low 50's. Finished by 0800h and proceeded to check traps on UB grids. Finished by 1000h and returned to lab to prepare study skins

Summary of trapping results ~~Excluded~~

	GRID MC	UPPER BRIDGE 1 PM	UPPER BRIDGE 1 AM	UPPER BRIDGE 1 # ind	UPPER BRIDGE 2 PM	UPPER BRIDGE 2 AM	UPPER BRIDGE 2 # ind
P. californicus	10 (2 new)	~~4~~ 3 (2♂)	5 (2♀)	7	6 (3♂)	6 (1♂)	9
P. boylii	9	(6 (all new)	4 (all new)	10	4 (all new)	3	5
P. truei	1	———			———		
Peromyscus	8	3 (all new)	1	3	1 (new)	1	1
Neotoma	1	1 (new)	~~6~~ ~~4~~	~~6~~ 7	0	2 (new)	2
Sorex	1		4 (2 most)	4	———		
TOTAL	30	14	~~18~~ ~~14~~ 20	~~29~~ ~~30~~ 31	11	12	17

Hastings Reservation, Monterey Co., Calif

Nov 4 (cont) Today was sunny and warm (low 80's). We spent all day preparing specimens. We hustled up and reset all traps (Upper Bridge, Hess mc) from 16-1730 hrs.

2100h - out checking traps on Upper Bridge grids. Clear, low 50's, moon is > ½ full and in the western sky. Not many captures this PM, finished by 2245h.

Nov 5 0630h - out checking traps on MC. Clear, low 40's Started checking traps on Upper Bridge grids by 0800h and finished by 0940h. Returned to lab to prepare study skins.

Summary of results

	GRID MC	UPPER BRIDGE 1 PM	AM	# ind	UPPER BRIDGE 2 PM	AM	# ind
P. californicus	8 capt	3 (1♀)	2	4	3	7 (2 new)	7
P. boylii	13	5 (1 new)	5 (3 new)	9	3 (1 new)	4 (1 new)	5
P. truei	2	———			———		
Peromyscus sp.	12	3	3	4	1 (1 new)	1	1
N. fuscipes	1	1 (1 new)	6 (2 new)	7	0	4 (2 new)	4
TOTAL	36	~~12~~ 17	~~18~~ 17	~~24~~ 25	7	~~18~~ 17	~~18~~ 18

Today was sunny, a bit more breezy, upper 70's. Julie and Mega left by noon, leaving Frances and I to do all the work. We reset all traps from 15-1700h. Since capture results are down and the moon is half full early in the evening, we are not going out tonight. We will get started earlier tomorrow

Nov 6 0530h - out checking traps on MC. Clear, dark, upper 30's - cold! We picked up and/or opened up all traps as we checked them. Started checking traps on Upper Bridge grids by 0700h and finished shortly after 0900h. Returned to lab to prepare specimens.

Hastings Reservation, Monterey Co., Calif

Nov 6 (cont) Summary of trap results

	GRIDLINE	UPPER BRIDGE 1	UPPER BRIDGE 2
P. californicus	9	5 (1 ♀)	3
P. boylii	10	5	5
P. truei	2	—	—
Perognathus	13	3 (1 mortality)	2
Neotoma	2	9	3
	TOTAL 36	22	13

We cleaned up the cabin and headed back to Berkeley by noon - productive trip!!

Dec 1 Arrived back down at Hastings today around 1300h. Grasses are continuing to green up, sycamores are all golden, and the deciduous oaks are beginning to drop their leaves. It rained over an inch last weekend, so the ground is very moist in some places. Megan showed up and we started setting traps on Upper Bridge 1 & 2 grids. Finished by 1600h and then set all traps on GRIDLINE. Finished just as it was getting dark (1715h).

Claudia showed up this PM before sunset. 2100h - out checking traps on RC. Clear, low 40s, moon is ¼ full and set about 1 hr ago. Radio-collared one new immature PC tonight (see Telemetry Data). Would have put on more collars, but they weren't working. Otherwise, very good results tonight. Finished by 2300h and returned home to fix the radio-collars.

Dec 2 0650h - out checking traps on RC. Clear and cold (mid 30s) - light frost. Good capture results, put out an additional 3 radio-telemeters. Finished around 0830h and proceeded to check Upper Bridge grids. Mary Ellen Holden(?) arrived to help out (she left at 0900h).

Hastings Reservation, Monterey Co., Calif

Dec 2 Alot of traps on both grids were closed, presumably by Neotoma. Didn't finish until close to 1100h. Returned to lab to prepare specimens. (took telemetry readings during day - see Telemetry data)

Today was sunny and warm (mid 70's). The four of us reset all traps from 15-1700h. Added 8 Neotoma traps to RC.

2100h - out checking traps on RC. Clear, cold (mid 40s), moon was already set. Removed the radio-collar from #2017 - apparently it quit functioning because it was chewed on. Finished by 2300h.

Dec 3 0050h - out checking traps on RC. Clear and not quite as cold as yesterday. Removed all remaining radio-collars this am. Started checking traps on Upper Bridge grids by 0815h. Again alot of traps closed. Finished by 1000h and returned to lab to prepare specimens.

All of my help took off this afternoon leaving me to set all the traps from 1430-1700h. Today was sunny and warm again.

2100h - out checking traps on RC with Donna O'Daniels. Clear, cool, no moon (just setting). Caught all but 3 tagged Pa. Finished by 2300h

Dec 4 0650h - out checking traps on RC with Donna. Clear and cool. Opened up all Sherma traps and picked up all Neotoma traps. Checked and picked up all traps on Upper Bridge grids from 0900-1130h. Returned to lab to prepare specimens

Cleaned up and finally headed back to Berkeley by 1600h.

Von Behren, Julie
1989

Journal

Hastings Reservation, Monterey Co, Calif.

June 7 At 1600h I cleaned cage 1 in the barn with the help of Megan Gahr. I weighed the 3 females. At 1700h Megan and I left the barn to go set RC drift fence traps. Then we drove back to the main office, signed Megan in and then went to set MC drift fence traps. We finished this task at 1830h. At 2030 we checked the bat net by Mark Stromberg's house but no bats. The fog had begun to roll in around 1930h. At about 20:50h we walked up the road by WC Grid area listening for Saw-whet owls. I had late played his recording of this bird twice. I heard the owls further up the canyon and off to the side of the road. We walked down into the canyon using the path that leads to the end of the Grid stations. We climbed across the creek and up the bank until we were right by the tree the owl must have been in. However we could not actually see the bird. Two other Saw-whets could be heard further up the canyon. At 21:40h, back at the car parked at the start of the path to Grid WC we heard a Great Horned Owl call. We briefly stopped back at Mark's net but still no bats.

June 8 At 600h the temp was 48°F and the fog was thick. Megan and I went to check MC drift fences at 6:20h. At about 7:10h we drove to RC drift fences. At 900h we stopped at the barn took smears of the 3 females then checked

Journal

Hastings Reservation, Monterey Co, Calif.

June 8 the slides under the microscope. These females still don't seem to be cycling properly. At 1030h Megan and I cleaned 3 of the cages in the barn. At 1600h we began organizing the samples in the freezer in the lab. From 1700h to about 1720h we set the MC drift fence traps. We stopped at the lab to do a bit more of the freezer organization. We were working ~~in~~ at intermittent times so that no vials were out of the freezer for too long. From about 1800h to 1830h we set the RC drift fences and picked up the bat net. On the way back to the cabin we stopped at the barn where we set 40 traps to catch the ~~mice~~ P. californicus that escaped when we were cleaning cages. We spent another 10 min around 1900h working on the freezer inventory again.

June 9 At 615h the temp outside the cabin was 44°F and the fog was very thick. Megan and I went first to check the MC drift fences. At about 720h we drove to the RC drift fences and checked them. At about 900h we took the 3♀s out of their cages in the barn and took the smears. We also caught the ♂ that escaped in one of the traps we sent in the barn last night. We put him back in his cage. We made sure all the cages had plenty of food and filled some of the water bottles that were getting low. We went to the lab around 1000h

Journal

Hastings Reservation, Monterey Co, Calif.

June 9 and I checked the slides. We also put the dead shrew from an RC drift fence trap into formalin, after taking measurements. We then stopped at the cabin. We went to the barn to dump the bark from cleaning cages into the compost and dumped the compost from the cabin. We drove over to the WC Grid to check on the hygrothermograph which was working fine and had enough paper to last until Monday. We drove to RC grid at about 1100h to open up all the traps, which I had forgotten to do earlier. From there we drove back to the cabin. We left to check on the MC grid thermograph and to open up all the traps. Not We cleaned up the cabin, ate lunch, packed up, and left Hastings at 1300h.

June 11 I arrived at Hastings at 1700h. At 1715h I left the cabin to change the thermograph paper at the WC Grid. At 1735h I went to sent the RC Grid drift fence traps. I also changed the thermograph there. At 1830h I got more oats from the cabin and went to set the MC drift fence traps and to change the thermograph paper. I finished at about 1915h. Tonight I also made up a few more data sheets.

June 12 When I left the cabin this morning at 600h, it was foggy and the temp was 42°F. I went

Journal

Hastings Reservation, Monterey Co., Calif.

June 12 to check the MC Grid drift fences first. At about 0700h I drove over to the RC Grid drift fences. The fog was already clearing. I finished these 2 fences at 0830h. I drove to the barn, checked the cages, and took the 3 smears. At about 0930h I looked at the slides in the lab. I also put the sorex alcoholic specimen into a jar of water to soak. I also stopped in at the office to get a "Research" sign for my car. From about 1130 - 1400h I did some data entry on the computer. At about 1630h I went to the barn to get more oats and to get some extra traps. From there, I went to the RC drift fences. I set the last fence first. Then I set 20 traps along the north side of the creek between the fence and the grid. After these traps were set I set the west fence traps. At about 1750h I left RC grid and drove back to the cabin. I went to set the MC grid fences. At RC grid the extra traps I set I made into 10 "stations", 2 traps at each. The 2 traps were about 1 meter apart, about 10 m between stations.

June 13 At 0610h I left the cabin to go to the MC drift fences. The sky was clear (no fog today) ~~at~~ and the temp. was 48°F. I checked the MC fences until about 0650h and then I walked to my car. I arrived

Journal

Hastings Reservation, Monterey Co, Calif.

June 13 at the RC fences at about 0700h. I checked the East fence first. Next I checked the 20 extra traps I set but I didn't catch any P. californicus. Then I went and checked the west fence, finishing by about 0830h. I went to the barn checked the food and water in the cages again and took the 3 smears from the females. I went to the lab and looked at the slides at about 0930h. From about 1000h - 1100h I ~~spent~~ worked on organizing the freezer samples. From about 1300-1430h I worked on the computer. From 1615h to 1650h I organized freezer samples again. Then from there I went to the barn and picked up some more traps. I went to set the RC drift fence traps. After setting the east traps, I set 34 extra traps between the grid and fence. Then I went to set the west fence traps. From here I went back to the cabin area and walked to the MC grid fences. I finished setting them by about 1820h.

June 14 At 0610h when I left the cabin the sky was clear and the temp was 53°F. I went to check the MC drift fences first. I finished this task at about 0650h. I drove over to the RC fences. Like yesterday, I first checked the East fence traps. Then I checked the

Journal

Hastings Reservation, Monterey Co, Ca.

June 14 34 extra traps el had set, looking for P. californicus. el still didn't catch any. el only trapped P. boylii and 2 Neotoma fuscipes. Next el checked the West fence traps. The only surprise there was a small bird that flew out of a trap, practically in my face. el didn't get a chance to see which species it was. el finished the west fence at 0830h. el went to the barn and took the smears. el finished up at the lab looking at the slides at about 0920h. From 1000h to 1115h el worked on the computer. At 1115h Ellen Epson arrived. She graduated from UCB last month with a Biology degree. She came to spend a day with me to see the project being done here on P. californicus. From about 1300h to about 1500h we worked on cleaning cages and checking cages. From about ~~5~~ 1700h to 1900h we set traps. First we set the traps at the East RC drift fence, working from the ~~east~~ north side to the south end, across the creek. When we got to the last traps, we set them and walked back toward the north, back to the trail. As el crossed the creek and took about two steps up the bank, el suddenly stopped and walked backward into Ellen. el then hopped over the fence and told Ellen el saw a snake. It was a Western Rattlesnake

Journal

Hastings Keservation

June 14 coiled up about half a foot from the the fence. The snake was very still and was not rattling at us. Standing a few feet away we watched it and it appeared to be watching us. Ellen decided to toss a little stick near it to see if it would move or rattle but it didn't. The snake was coiled so its rattle was not visible. It was about a foot from ~~the~~ a trap that I had just ~~set~~. only about 3 minutes earlier so the snake had most likely been there. We watched the snake a few minutes more and finally went to set the extra traps between the fence and the grid. Tonight I set 38 traps here. Then we went to the west RC fence. At about ~~0~~ 1800h we drove to the cabin and walked out to set the MC drift fences.

June 15 At 0615h when Ellen and I left the cabin the temp was 57°F and the sky was clear. We first checked the 2 MC drift fences. At about 0700h we started checking the East RC Grid fence. When close to the rattlesnake spot we looked for it again and it was in exactly the same place. The trap it was nearest to was open so we first checked the rest of the traps on the fence. Then ~~we~~ I found a long stick and used it to close

Journal

Hastings Reservation, Monterey Co, Ca.

June 15 the trap. The snake still did not move. Ellen and I thought about poking the snake with the stick but then decided against it. Next we checked the 38 extra traps set but unfortunately, still No P. californicus. We walked to the west fence and checked these traps. A P. baylii was caught and killed in the doorway of one of the traps. I took it to the lab later and put it in formalin. We finished checking by about 0845h. We arrived back at the cabin at about 0900h. Ellen left around 0920h for her house in Salinas. I left then to walk down to the barn. I took the 3 smears and cleaned the cages of these 3 females. I also cleaned cleaned cage 2. I washed out both sides of this wooden box. I also weighed all the mice except for the ♀ in cage 2 who had 2 newborns firmly attached to her. I was afraid to pull too hard to get the babies off (they were nursing). I finished the cages' cleanings and checking closely all the other cages around @ 1130h. At around 1200h I talked to Dr Harry Greene at the Museum of Vertebrate Zoology in Berkeley. I asked him about the behaviour of the rattlesnake and he said the snake remained so still either

Journal

Hasting Reservation, Monterey Co. Ca.

June 15 because it had just eaten and was digesting or the snake smelled mice by the traps and decided it was a good place to wait for a mouse to come along. He suggested if the snake was there again to move the trap with a stick and leave the snake alone. I also spoke with Dr. Jim Patton this afternoon to ask him if he knew any reason why all the mice in Cage 5 died. He didn't really know but he said to try seperating the cages more in case there is a virus. Around ~~0830~~ 1330h I went to the lab re-examined the dead mice and looked at the slides of the 3 females' smears. At around @1400h I finished. At about 1500h I headed to the lab to finish up the freezer samples organization. I saw Patty and stopped to talk with her. She showed me the bug bucket they collect insects in to monitor how many insects are available for the Acorn Woodpeckers. She also showed me the Ensatina she had caught. From about @1630h - 1700h I worked on the freezer things. At 1700h I went to the barn to get more oats. At about 1730h I set the RC east drift fence traps.

Von Behren, Julie
1989

Journal

Hastings Reservation, Monterey Co, Ca.

June 15 The rattlesnake was gone. Of course, that was just as nerve racking for me because I didn't know where it was so every step I took I was very careful to look where I stepped. I went next to set the 38 extra traps again - I haven't been successful but I am trying if one more night. The traps are not set in the creek bed because I tried to avoid the very dense Poison Oak in this area, but maybe thats the area the P. californicus are at. ~~More~~ After setting these traps I set the west fence traps with extremely cautious steps, always! I drove back to the cabin, went to set the MC fences, finishing around 1900h.

June 16 I left the cabin at about 0630h. The temp was 52°F and the sky was clear again today. I checked the MC drift fence traps first. Next, at about 0645h I went over to the RC drift fences. After checking the east fence I checked the 38 extra traps but, again, no P. californicus. I collected the traps, put them in the 2 boxes, and put them in the car. Next I went to the west fence and

VonBehren, Julie
1989

Journal

Hastings Reservation, Monterey Co, Ca.

June16 checked the ~~8 cages~~ traps there, finishing around 0840h. I drove to the barn. I took the 3 smears and checked the cages of all the mice. I stopped back at the cabin and then went to the lab to look at the slides around 1000h. At about 1030h I left Hastings & I went to ~~Monterey~~ Salinas to get a few things and to visit Ellen Elpson. I returned to Hastings at 1900h and stopped very briefly at the cabin; then I left to set the RC drift fences. From there I went to set the MC fences. I finished around 2015h. (The rattlesnake was not anywhere visible by the traps today.)

June17 I left the cabin at 0805h under clear sky. The temp was 52°F. I checked the MC drift fences first. Then around 0745h I headed over to the RC drift fences to check the traps there. I finished there around 0830h. I stopped at the barn to do the 3 smears and to check the cages. The mice numbered 1490 and 1506 were dead. Yesterday they were alive. The 2 young in their cage were alive. I left the cage alone temporarily. I looked at the slides under the microscope around 0915h. I then drove to the Strombergs' house. I didn't find Mark but then I found him near the mailboxes. I asked him to look at the mice to see if he could

Journal

Hastings Reservation, Monterey Co, Ca.

June 17 figure out what happened. He thought it might be a disease. He said he would buy new woodchips, sawdust, and food today in town. I took all the water bottles to the cabin and put the 2 deadmice in the lab freezer. I washed out all the water bottles and filled them up at the cabin. Then I took them to the barn. The time was around 1130h by now. I had earlier put the 2 living young mice in a new cage. All the other mice are looking allright today. At 1500h I washed microscope slides. At 1600h I went to WK grid to change the thermograph paper. After that I stopped at the barn and to check the cages I stopped at the cabin. At 1715h I went to set RC fence traps. At about 1800h I went to the barn again. ~~I~~ Mark had brought the supplies. I cleaned a couples cages. mark had done one as well. At 1900h I left the barn and went to set the MC drift fence traps, finishing up around 1945h.

June 18 At 0615h I left the cabin and walked to the MC drift fences. The temp was 55°F and there was no fog. At about 0645h I finished the 2 MC fences. I drove over

Journal

Hastings Reservation, Monterey Co, Ca.

June 18 to the RC drift fences, checking the east one, then the west one. I left RC at about 0830h and went to the barn I checked the cages for life, food, and water. I took the 3 smears of the females, put the females into folding Sherman traps, and then went to the lab to look at the slides. After stopping back at the cabin I went to the barn to clean the cages of the 3 females. I also cleaned the large wooden box containing cages 3 and 4 (see species accounts). I cleaned the food dishes and got rid of the old bedding material. I rechecked all the cages again. I weighed the 3 females and the mice of cages 3 and 4 as well. I finished up around 1200h. For about ½ hour this afternoon, around 1530h, I finished up with the freezer organization. At 1700h I checked the mice in the barn again and all of them seemed all right. At 1715h I went to the RC drift fences. At about 1800h I was walking to the MC drift fences. I set both fences then I set 40 traps in the area between the west wall and the grid, finishing around 1910h.

Von Behren, Julie
1989

Journal

Hastings Reservation, Monterey Co, Ca.

June 19 At 0600h el left the cabin to walk to the MC drift fences. The temp was about 50°F, with no fog. el caught one P. californicus:

Spp	No	Wt	Age	sex	Brdg
P. calif	1206	41	AM	♂	Ascrotal

el caught this male in one of the 40 traps set between the grid and the west fence. At about 0700h el went to the RC drift fences. el finished checking traps at 0830h. el went to the barn and checked all the ~~traps~~ cages. el took the 3 smears from the females and then went to the lab to look at the slides. From about 1130 - 1230 el worked on the computer. From about 13:30 to 15:30h el helped Daniela move from the Robinson House to the Red House From 15:30 - 1730h el worked on the computer. At 1715h el checked the cages in the barn. The juvenille number 0_000 was missings from its knocked over cage. ALL the other mice were ok and had food and water. From 1730h - 1800h el set the RC drift fences. From about 1800h - 1850h el set the MC fence traps and the 40 traps between the grid and fence.

June 20 At about 0620h el went to check the MC drift fences. el also checked the 40 extra traps. These traps were set to look for femal P. calif. number 0100. el caught here in a drift fence trap today (see drift fence data). el didn't catch any

Journal

Hastings Reservation, Monterey Co, Ca.

June 20 ~~other~~ californicus in these extra traps. At around ~~0700~~ 0715h I went to the RC drift fence traps, finishing up around 0845h. I went to the barn next and checked all the cages. I took the 3 smears and went to the lab to look at the slides. From around 1100-1200h I worked on entering computer data. I also spent about 2-3 hours in the afternoon working on the computer. At 0515h I went to the barn to check on all the mice. I was looking in one of the cages when I heard a noise about 10 yards away in the northwest corner of the barn. I looked up to see a rattle sticking up. The rattlesnake only rattle briefly once, then I heard it and looked up. It moved away from me by a meter or so, but then stopped. I left the barn fairly quickly, without pursuing the snake. I left to set the RC drift fences. I set the east wall first. Curled up by trap station #~~79 (2)~~, on the "out" side of the fence, was the second rattlesnake snake of the day. I didn't see it until I reached down to grab a the trap. The snake was about a foot from my hand. I dropped the trap like it was a hot coal and ran 10 feet away across the creek.

Von Behren, Julie
1989

Journal

Hastings Reservation, Monterey Co., Ca.

June 20 I set the rest of the traps and then avoided going close to the snake on my way back up the fence. I didn't set the 2 traps by the snake. I left RC and went to set the MC fence traps and the 40 extra traps, finishing up around 1900h.

June 21 I left the cabin to check the MC drift fence traps at about 0630h. I also checked the 40 extra traps I had set but I didn't trap any P. californicus. Next I checked the east fence at RC. I didn't see the rattlesnake this morning by station # 7. I checked the ~~the~~ other fence and finished around 0850h. I went to the barn. The rattlesnake there was not visible today either. I checked the cages and took the 3 smears. After stopping back at the cabin I went to the lab to look at the 3 slides under the microscope.

Grid Data
1989

SPP.	No.	Wt	Sex	Age	Bldg.	Occ	Jan 9 (PM) 1	Jan 10 (AM) 2	Jan 10 (PM) 3	Jan 11 (AM) 4	Jan 11 (PM) 5	Jan 12 (AM) 6	Jan 12 (PM) 7	Jan 13 (AM) 8	Jan 13 (PM) 9	Jan 14 (AM) 10	Comments
P. californicus	0100	39	♀	M	imp, parous		4,15	4,16	6,14	4,15	5,14					6,15	Not but ripped out. Tail tip Red-cut. Seem older 3-dusted OLIVE 4-coil tail
✓	✓ 1955	41.5	♂	M	scrotal		8,18	6,17	6,18			8,18		9,18		8,18	1-8,18 3-dust Red in ears 6-Red visible in ears
	✓ 1979	43	♀	M	imp, parous		7,17				8,18		6,18			7,16	1-dusted RED 7-Redusted
	✓ 0130	41	♀	M	imp, ~~parous~~ nullip		5,15	5,~~15~~ 14	5,~~15~~ 14	5,15				6,15		5,14	1-dusted BLUE-GREEN; 8-Redusted
	✓ 1233	42	♂	M	scrotal		5,14	6,16		6,16		5,14	5.14		5,14		2-covered with visible BLUE-GREEN powder on mouth + tail
	✓ 1155	38	♂	M	scrotal (baulg)		4,13	4,13		6,13		5,13			6,13	6,15	4-Brown visible on tail, ears 9-Brown visible in ears
	✓ 1364	40	♀	M	perf, nullip		6,13	6,13		4,13					6,14	6,13	1-dusted BROWN
	✓ 1269	39.5	♂	M	scrotal		6,11	6,9		5,11	6,11	5,11	5,11	6,10		6,10	6-covered with visible PURPLE-everywhere!
	✓ 1225	41	♀	M	imp, ~~parous~~ nullip		6,9	6,11		4,10	6,10	6,10		5,9		6,11	1-dusted PURPLE 5-Redusted
	✓ 0130	45	♂	M	scrotal		5,9		6,10	6,11	6,9		6,10		6,10	5,11	7-covered c purple
	✓ 1414	38	♂	Early M	IND			3,8		5,14		4,9	3,8	5,12	4,12	3,8	2-3,8
	✓ 0120	45.5	♀	M	imp, parous	(early preg?)		4,9		4,9		4,9	4,9	4,9			2-Dusted ORANGE 6-Redusted
	✓ 0480	40.5	♂	M	scrotal			5,15		5,14		6,15		5,14			2-~~covered with~~ visible Blue-green in spots - contain in dark
	✓ 1264	44	♂	M	scrotal			8,18		8,18			4,18	8,18		5,17	tail coil?
	✓ 1257	39	♂	M	scrotal				4,8	4,9		5,9	4,9	6,9		5,11	4-Orange visible in ears 1-Orange powder everywhere
	✓ 1421	36	♀	M	imp, nullip					4,8		5,9				4,10	4-dusted GREEN
	✓ 1235	36	♂	M	scrotal					9,18	9,18						
(N)	1478	35.5	♂	M	scrotal (baulg)											5,10	10-returned to lab

1322 ? ~~small~~ tail ~~b.o.~~ Dust 10 DC

(-2,-7)

Center of Activity

Hastings Reservation, Monterey Co., Calif.

GRID DC: P. californicus ONLY!

JOURNAL OF FIELD DATA

Rebeede 1959

2.8$\overline{33}$, 7.8$\overline{33}$
5.5, 10.8$\overline{33}$
5, 10.25
3.1$\overline{66}$, 7.5
3.$\overline{33}$, 7.$\overline{66}$
3.1$\overline{66}$, 6.$\overline{33}$
3.6, 6.2
3.625, 3.5
3.571428, 3
3.714285, 3
1.857142, 3.142857
2, 2
3.25, 7.5
4.6, 10.8
2.6, 1.8
2.$\overline{33}$, 2
7, 11
3, 3

Libbie, D.O.
1984

Journal-Grid Data

Hastings Reservation, Monterey Co., Calif.

Grid 20: P. boylii only 4

Spp.	No	Wt	Sex	Age	Bridg	Dec 1	2	3	4	5	6	7	8	9	10	Comments
						Jan 9 (PM)	Jan 10 (AM)	Jan 10 (PM)	Jan 11 (AM)	Jan 11 (PM)	Jan 12 (AM)	Jan 12 (PM)	Jan 13 (AM)	Jan 13 (PM)	Jan 14 (AM)	
P. boylii	04020	23.5	♂	M	scrotal	4,15					4,16	4,16	4,16	4,16		
	01112	22	♂	M	TWD	4,16		4,18			4,18	4,18		4,18		
N?	040	23	♂	M	TWD (clear)	4,18					6,18		5,17	6,18	6,18	new?
	0311	21.5	♀	M	up, nullip	7,18	7,18	7,18	7,16	7,18	7,15	8,15			7,16	
	0430	27.5	♂	M	scrotal	9,17			8,16		8,16	9,17	9,17			
	02110	24	♂	M	TWD	7,16	7,16	7,15	7,16			7,16	7,16	7,16		
	03400	24.5	♀	M	up, parous	7,11	7,9		7,10		6,9	6,9			6,8	
	010	24.5	♂	M	TWD (clear)	7,11	8,11	8,10	7,11		6,11		6,11		6,11	
	0332	20	♀	M	up. nullip	5,8	6,9	6,9	6,9				6,9		5,8	
	030	21.5	♂	M	scrotal (barely)	3,8			3,9				3,8	3,8		tail bobbed
	01212	22.5	♀	M	up, nullip	3,8		3,8			3,8	3,8				
	04331	22.5	♂	M	TWD	3,11	4,10	4,12	4,11		4,11	4,11		5,12	3,11	8-4/11
	0342	21	♀	M	up, nullip	4,10	4,10	3,11	3,11	4,12	3,11	4,10	3,11			
	02201	22.5	♀	M	up, parous	4,10	6,10			4,10	4,10	4,10			4,10	
	03200	24.5	♀	M	up, parous		3,9		3,8	3,8					3,9	
	0401	22.5	♂	M	TWD		3,11	4,10		3,11	4,10		4,10			
	0242	25	♀	M	up, nullip		4,16	4,16	4,16	4,16	4,16		4,16			
	03121	23	♀	M	up, parous		5,17			5,17	5,18		6,18	5,17		
	03241	21.5	♀	M	up, nullip		9,17		9,17							
	0210	25.5	♀	M	up, nullip (?)		9,17		9,17							
	04341	20.5	♀	M	up, parous			9,17			9,18	7,18	7,18	9,17	9,17	
	012	23.5	♀	M	up, parous			5,13	5,13	4,13	4,13	4,13	4,13	4,13	4,13	
	03141	22	♂	M	TWD			7,11	7,11		7,12	6,11	6,11	6,11	7,12	03141
	03201	22	♀	M	up, parous				4,10					4,10		

Lizard, D.B.
1994

Journal - Field Data

Hastings Reservation, Monterey Co., Calif.

GRID DC: P. baylii daily (p. 2)

Spp	No	Wt	Sex	Ag	Body	Occ 1	2	3	4	5	6	7	8	9	10	Comments
						Jan 11 (Am)				Jan 11 (Pm)	Jan 12 (Am)	Jan 12 (Pm)	Jan 13 (Am)	Jan 13 (Pm)	Jan 14 (Am)	
P. baylii	0200	23	♀	M	wp, parous					4,18			5,17			tail bobbed
	04041	20	♀	M	wp, parous?					9,17						
	01142	20.5	♀	M	wp, parous, pregnant?					4,10			4,10	4,10	3,10	
	03100	23.5	♀	M	wp, parous						8,12					
	01222	23.0	♀	M	wp, milk D						3,8			3,8		
	01332	20.5	♂	m	TWD						5,17	~~5~~,17			5,17	
	N 01412	22	♂	M	TWD								8,10			
	1030	22	♂	m	TWD								5,8			
	1101	23	♂	m	scrotal								9,18			

Ribble, D.O.
1989

Hastings Reservation, Monterey Co., Calif.

Grid DC: N. fuscipes only 4

Journal-Grid Data

Spp.	#'s	Wt	Sex	Age	Bldg	Dec 1 (Jan 9 (Pm))	2 (Jan 10 (Am))	3 (Jan 10 (Pm))	4 (Jan 11 (Am))	5 (Jan 11 (Pm))	6 (Jan 12 (Am))	7 (Jan 12 (Pm))	8 (Jan 13 (Am))	9 (Jan 13 (Pm))	10 (Jan 14 (Am))	Comments
N. fuscipes	1203	230	♂	M	scrotal	5,16		5,16			5,16		5,15		5,15	1-nail, left ear slit 8-265 gr 3-" " 10-nail
↓	1309	200	♀	M	lap, parous	4,13		4,13			4,13	4,13				1-left ear nail, ear slit 7-ditto 3-" "
	1157 1367	200	♀	M	lap, parous	5,10		5,10		5,10		5,10		5,10		1-left ear nail, ear slit 3-ditto 5-ditto both ears tagged 9-Nail O.T.
	1259	190	♀	M	lap, parous	~~4,8~~	4,8	4,8	4,8		4,8					1
	1390	285	♂	M	scrotal		4,14			in	4,14					2-nail-ear slit to loose tag 6-Nail
	1270	210	♀	M	lap, parous		4,14		4,14	4,14		4,14		4,14		2-nail 5-nail, ear slit 7-ditto 4-" 9-Nail ditto
	1370	170	♀	M	lap, nulip		6,17	6,17	6,17	6,17	6,17	6,17	6,17	8,16	6,17	
	1255	210	♀	M	lap, nulip		4,15			~~4,15~~						2-nail ~~6-nail ear slit~~
	1415	255	♂	M	scrotal		4,15	4,15		♀	4,15		4,15		4,15	2-nail 8-~~Nail~~ 3-", ear slit 6-nail 10-nail
	1129 1417	205	♀	M	lap, parous				7,13		7,13					
	1267	240	♀	M	lap, parous				4,18				4,18			
	1459	225	♂	M	scrotal						4,9		4,8	4,8	4,9	
	1439	300	♂	M	scrotal						5,10	5,10			6,9	6-nail
	1386	270	♂	M	scrotal						5,10					6-nail
		~~265~~														
(N)	1479	220	♀	M	lap, parous										4,13	

Microtus - 02410
Peromyscus - 02200
Fumalis - 01470
Eutamias - 02130

Lubbes, D.O.
1984

Hastings Reservation, Monterey Co., Calif.

Grid DC: Mise spaces

Journal - Grid Data

Spp.	No	Wt	Sex	Age	Bldg	Occ	1 Jan 9 (Fri)	2 Jan 10 (Sat)	3 Jan 10 (Sun)	4 Jan 11 (Mon)	5 Jan 11 (Tue)	6 Jan 12 (Wed)	7 Jan 12 (Thu)	8 Jan 13 (Fri)	9 Jan 13 (Sat)	10 Jan 14 (Sun)	Comments
Microtus	02120	494	♀	M	unp, pinks		7,18	8,18		6,18				6,18			
Peromyscus	02130	22	♂	m	TND		5,10	5,11							5,11	4,11	1-5,11
	01430	22.5	♂	m	scrotal			7,9	7,9	7,9		6,11	6,11		7,9		01430
	01/2330	24.5	♂	m	TND			5,8	5,8	5,8	5,8	5,8		5,8		5,8	01230-lost toe #300
	02110	20	♂	m	TND			6,18	4,18							4,16	
Stanbarkia	cat no. 930	5.5	♂	m	yes			5,17									

RUBBLE, DO
1989

Hastings Reservation, Monterey Co., California

Journal - Grid Data

Grid DC: P. californicus only

Purple in eastern

Spp	No	wt	Sex	Age	Bldg	Occ	Feb 16 (Sun) 1	Feb 17 (Mon) 2	Feb 17 (Mon) 3	Feb 18 (Tue) 4	Feb 19 (Wed) 5	Feb 20 (Thu) 6	Feb 20 (Thu) 7	Feb 21 (Fri) 8	9	10	Comments
P. californicus	1955	43	♂	M	scrotal		7,18	8,19		9,18	6,18		6,18	9,17			2 - Red rouble all over. 4 - ditto
	1979	40	♀	M	up, parous		7,17	7,17		7,18	7,18	7,18	7,17				1 - dusked RED
	0400	39.5	♂	M	scrotal		6,16		6,15	6,15	6,15	5,16	5,14				4 - BLUE-GREEN rouble in ears 5 - Covered w/ BG, recap at 5,14
	1155	39	♂	M	scrotal		4,13	5,13	4,13	5,13	6,13	5,13	5,13	4,13			3 - covered w/ Golden Brown 8 - " " fresh Brown
	1225	39	♀	M	up, nulli-p?		5,9	5,11			5,11	6,10	5,11				1 - dusted PURPLE 5 - redusted
	0130	45	♂	M	scrotal		5,11	4,10		5,9	5,11	5,11	6,9	5,11			1 - caught in Net! 5 - no powder 6 - hint purple 5 - recap at 6,10
	1414	36.5	♂	M	scrotal			3,8	3,8	4,8	3,8	5,12	3,8				tail scarred in 2 places
	1209	37	♂	M	TND (close)			4,10	4,10		6,10	4,10	4,10	4,10			
	1364	38.5	♀	M	lactating			4,13		4,13	5,13	5,12	4,13	5,13			2 - dusked Brown 5 - redusted 7 - redusted
	0030	41?	♀	M	perf, parous?			5,14		6,15	6,15	5,14	5,15				2 - dusked Blue-Green Vulva open, Crusty 5 - redusted
	1264	38	♂	M	Scrotal			4,18	6,16	5,18	7,18	6,18	5,18				
	0220	53.5	♀	M	PREGNANT!				5,8		4,9	4,9	4,9				3 - dusted OR pubis 5 - redusted 7 - 44.5g, lactating (Gave Birth Today!!!)
	1257	38.5	♂	M	scrotal					4,9	4,9	4,9					4 - covered w/ visible OR pubis 5 - Caught after 0530h
	1235	37	♂	M	Scrotal						9,18						
	1421	38.5	♀	M	up, nulli-p									4,8			8 - dusted GREEN

9740

Ribble, D.O.

Hosting Observation, Monterey Co., Calif.

Lyrid RC: P. boylii on C4

Feb 16 (Mon) | Feb 17 (Tue) | Feb 17 (Mon) | Feb 18 (Tue) | Feb 19 (Wed) | Feb 20 (Thu) | Feb 20 (Thu) | Feb 21 (Fri)

Spp.	No	Wt	Sex	Age	Body	Occ 1	2	3	4	5	6	7	8	9	10	Comments
P. boylii	04010	24	♂	m	scrotal	4,16										
↓	04341	20.5	♀	m	vp, multip	9,18		8,18	9,18	8,18	8,18	8,18				
	0311	21.0	♀	m	vp, parous	7,18	7,17	7,18	7,16	7,16	6,15	7,16	7,16			
	02110	24	♂	m	TVD (clear)	6,16	6,15				7,16	7,16	7,16			
	04331	23.5	♂	m	TVD	4,13	5,12	5,12	4,13	4,13	4,13		5,12			
	012	22	♀	m	vp, parous	5,12	5,11	5,13	5,12	5,12	4,13	5,12				
	03380	26	♀	m	vp, pug?		6,4	6,11	6,11	7,9	7,9	6,11	6,11			
	010	23	♂	m	scrotal		6,11	6,11	7,9	7,11	6,11		7,9			
	0310	22	♂	m	scrotal (barely)		4,8	4,8		4,8			6,10			
	03200	23	♀	m	vp, parous		4,9		4,8	4,8		4,8				
	04020	24	♂	m	scrotal		4,13		4,16	5,16	4,16	5,15	4,16			
	040	24	♂	m	scrotal		5,18		5,17	5,18	5,18	6,18	5,18			
	03121	22	♀	m	vp, parous		5,18	4,18	5,17	5,18	5,18	5,18				
	0200	22.5	♀	m	vp, multip		4,18	5,17	4,18		4,18	6,18	5,17			
	0430	20.5	♂	m	scrotal		9,17	9,17			8,17	9,18				
	03241	21	♀	m	vp, multip		8,18			9,18	9,18	9,18	9,18			
	0242	25	♀	m	vp, parous			5,16	5,15		4,15	4,16	~			1242?? see next par no - diff annuals
	0401	23	♂	m	scrotal			4,13		4,10	3,11					
	01222	22.5	♀	m	vp, multip			5,10	5,11		6,10	6,10				
	03141	23	♂	m	TVD (clear)				7,11	6,11			7,9			
	0210	24	♀	m	vp, parous					9,17						
	01332	21	♂	m	TVD					4,18		5,17	5,18			
	01202	22.5	♂	m	TVD (clear)						8,18					

Russell, D.C.
1989

Hastings Observation, Monterey Co., Calif.

GRID: N-Fascicles owl c/

Spp	No	wt	Sex	Age	Brdg	Feb 16 (PM) Occ 1	Feb 17 (AM) 2	Feb 17 (PM) 3	Feb 18 (AM) 4	Feb 19 (AM) 5	Feb 20 (AM) 6	Feb 20 (PM) 7	Feb 21 (AM) 8	9	10	Comments
N. fuscipes	1263	290	♂	M	scrotal	4,15		4,15			4,15	4,15				1-left, caught in PM, released on wall 3-" 6-wall 7-di 4O
↓	1270	280	♀	M	up, parous	4,14		4,14		4,14	4,14	4,14				1-wall, rt, left overnight 3-di 4O 5-wall 7-wall 6-wall overnight
	1309	290	♀	M	up, parous	4,13		4,13		4,13	4,13		4,13			1-" " 3-" " 5-wall 6-wall 8-wall
	1259	195	♀	M	up, parous	4,8			5,10							
	1439	300	♂	M	scrotal		5,10		6,9							2-wall
	1225	320	♀	M	up, nulliP		5,16		[illegible]							2-wall 1225 doesn't exist, see 1225 below 4th-21
	1371	250	♂	M	scrotal		7,16			7,15						
	1370	180	♀	M	up, parous		8,17		7,17	6,17	6,17	6,17	7,17			
	1415	270	♂	M	scrotal		4,15		4,15							2-wall
	1387 1157	210	♀	M	up, parous			5,10		5,10	5,10	5,10				3-wall, left overnight 5-wall 6-wall 7-wall, left overnight 2-wall 4-wall 5-wall 8-wall
	1265	215	♀	M	(perf), nulliP	5,16		5,16	5,16	4,15	5,16		5,16			
	1390	290	♂	M	scrotal					4,14		4,14				5-wall 7-" , left overnight
	1267	220	♀	M	up, parous?					4,18			4,18			
0 N"	1494	345	♂	M	scrotal						[illegible]	4,18				Not new - both left ear tags torn out
	1417 1219	220	♀	M	up, parous								7,12			
" N"	1495	280	♂	M	scrotal								8,17			Not new - rt ear tag ripped out

Russo, D.O.
1989

Louis C. Kyle D.O.

Hosting Excavation, Monterey Co., Calif.

GRID EC: Misc. Species

Spp.	No	Wt	Sex	Age	Body	Occ	1	2	3	4	5	6	7	8	9	10	Comments
						Feb 16 (pm)		Feb 17 (am)	Feb 17 (pm)	Feb 18 (am)	Feb 18 (pm)	Feb 20 (am)	Feb 20 (pm)	Feb 21 (am)			
Pseudacris	02200	22	♂	m	scrotal			7,10									2 - found afternoon. Prob. missed trap - returned to lab.
	01430	23	♂	m	scrotal				7,10	6,11	6,11	6,11					
	02130	23	♂	m	TWD (close)						4,10	4,10	4,10	4,10			
P. boylii	01112	23	♂	m	scrotal							4,10	4,10				
	03400	21	♀	m	mp, parous							8,12		8,12			
	0332	20.5	♀	m	mp, nullip								5,8				
	01242	25	♀	m	mp, nullip									8,18			
M. crotalus	2030	34	♀	m	mp, parous									6,18			
R. muscosa	0230	9.5	♀	m	mp, nullip							4,8					
S. bachmani		600	♂	m	TWD		4,15										
S. tropicalis		4.56										7,11	Mortality				
"	0030	6.56	♀?	m									6,18	alive			

Illsley, DO. 1989

Louisiana - Upland Data

Lyon's Ranch: P. californicus, Kern Co., Calif.

Kern River Preserve, Kern Co., Calif.

Spp	No	wt	Sex	Age	Brdg	Dec	1 March 17 (PM)	2 March 18 (AM)	3 March 18 (PM)	4 March 19 (AM)	5 March 19 (PM)	6 March 20 (AM)	7 March 20 (PM)	8 March 21 (AM)	9 March 22 (AM)	10	Comments
P. californicus	030	54	♀	M	pregnant!		5,16	5,16	5,14	5,16	6,16	5,15	5,14	6,15	5,14		1-dusted BLUE-GREEN 3-no milk! 9-barely lactating. 2-54g. 3-45.5g. PARASITES 6-perf, no milk 9-move!?
↓	0130	47.5	♂	M	scrotal		5,16			4,10			6,10	6,10	5,13		4-purple visible in ears 7-Purple in ear & mouth
	1955	44.5	♂	M	scrotal		8,18			9,17	6,18	6,18	7,16	7,16			4-covered w/ visible RED
	1979	43	♀	M	perf, parous		7,17	8,17	8,18	7,18	7,16	8,18	7,16	9,18	7,16		1 dusted RED 3-Perf
	1155	39.5	♂	M	Scrotal		4,13	4,13		5,14	4,13	4,13	5,13	4,13	6,9		2-ears covered w/ GOLDEN BROWN 5-definite covering of GOLDEN BROWN
	1304	38	♀	M	perf, parous (lact (a couple))		6,13		5,13	6,14	4,13	5,13	5,13	4,13	5,13		1-dusted Brown. No milk 3-milk! 5-redusted, 6-milk (9-35g, no milk)
	1225	42.5	♀	M	perf, milky (early preg ??)		5,11 6,10		·	6,10	5,8	6,10 w-5		6,11 w-5	6,11		1-dusted PURPLE 6-redusted 9-41g.
	020	47	♀	M	lactating (barely)			4,9	5,9	4,8					4,9		2-dusted ORANGE 6-45.5g, not lact, 4-not lact. Re dusted 8-45g
	1257	37.5	♂	M	scrotal				4,8		w-5	4,8	4,8		4,8		3-covered w/ fresh ORANGE
? number	0130	45.5	♂	M	scrotal					4,10							~~4-purple visible in ears~~
	0480	38.5	♂	M	scrotal					5,15		6,15 w-5		5,14	5,14		4-BLUE-GREEN clearly visible in ears 7-covered w/ ORANGE
N	1513	16.4	♂	Im	UND												

9-barely lactating. (9-44.5g barely lact)

9-move!?

9-move!!

P. boylii - 01432

Kissling Reservation, Mendocino Co., Calif.
2nd RC: P. boylii only
2nd Data

Lovinus - 1st Data
Ribble, D.O.
1994

Spp.	No	Wt	Sex	Age	Bdg	March 17 (Thu) Occ 1	March 18 (Fri) 2	March 19 (Sat) 3	March 19 (Sun) 4	March 19 (Mon) 5	March 20 (Tue) 6	March 20 (Wed) 7	March 21 (Thu) 8	March 22 (Fri) 9	10	Comments
P. boylii	0242	25	♀	M	wp, mullup	4,15	4,16	4,15	4,16	4,16	4,15		4,16	4,16		
↓	01112	23	♂	M	scrotal	4,18			4,18	5,18				4,18		
	0200	22	♀	M	wp, parous	4,18	5,17	5,17	5,17	5,17	5,17	5,17	6,18	5,18		
	02110	26	♂	M	scrotal	6,17		6,15	6,18				6,14			
	04311	21	♀	M	wp, parous	9,18	8,18									
	0210	26	♀	M	wp, parous	8,17	9,17		9,18	9,18	9,18		9,17	9,17		
	0311	24	♀	M	wp, mullup	8,16	8,16	7,16	7,16	7,16	7,18	8,17	7,15	6,18		
	03400	26	♀	M	wp, parous	7,11	7,9	6,11	6,11	7,9		7,9	6,11	6,11		1-cau-fat in same trap as 010
	010	24	♂	M	scrotal	7,11	6,11		7,9	6,11	6,11	6,11	8,10	7,9		1 g
	012	22.5	♀	M	wp, mullup	5,12	5,12	5,11	5,12	5,12	5,12	4,10	4,10	4,10		
	03141	25	♂	M	scrotal	6,11	6,11	6,11	6,11	6,11	6,11	6,11	5,13	7,11		9-caught by tail
	04331	24.5	♂	M	scrotal	3,11	5,12	5,12	5,12	5,11	5,11	5,12	5,11	5,11		
	040	24.5	♂	M	scrotal		6,18	6,18	6,18	6,18	6,18		5,18	6,18		
	03121	21.5 22.5	♀	M	wp, parous scrotal		4,18	4,18	5,17	5,18				5,18		5-caught again at 5,17
	04020	24.5	♂	M	scrotal		4,15		4,15	4,16	4,16	4,13		4,13		
	0430	29	♂	M	scrotal		9,18	9,17			8,17		8,17			Big Daddy!
	03241	22	♀	M	wp, parous		9,18	9,18		9,17	9,17					
	04101	23.5	♂	M	scrotal			4,13	4,13					4,13		
	0412	23.5	♂	M	scrotal				8,10		7,9			8,10		4-toe # 02000 cut.
	04410	24.5	♂	M	scrotal				8,12		7,12		7,12	8,12		
	03100	23	♀	M	perf, parous				8,12			7,12		8,12		
	01241	25	♀	M	perf, parous				8,18		7,8,18		7,18			
	0312	21.5	♀	M	wp, parous				8,18	8,18		8,18	8,18	6,16		
	01101	24.5	♂	M	scrotal				9,18	9,18	9,18	9,18	9,18	9,18		

Pebble, D.D.
1989

Journal - Grid Data

Hastings Reservation, Monterey Co., Calif.

GRID LOC: N. fuscipes area 4

Spp.	No	Wt	Sex	Age	Bldg	Date	1	2	3	4	5	6	7	8	9	10	Comments
						March 17 (PM)		March 18 (AM)	March 18 (PM)	March 19 (AM)	March 19 (PM)	March 20 (AM)	March 20 (PM)	March 21 (AM)	March 22 (AM)		
N. fuscipes	1459	220	♂	m	scrotal		4,8	4,9									
↓	1417	245	♀	m	up, parous			7,12							7,12		
	1259	180	♀	m	up, parous		5,10		5,10		5,10		5,10				1-caught in pan, left overnight - wall 3-ditto 5-ditto 7-ditto
	1309	200	♀	m	up, nulip		4,13		4,13		4,13		4,13		4,13		1-left in wall overnight 3-ditto 5-ditto 7-ditto 9-N
	1270	195	♀	m	up, parous		4,14		4,14				4,14		4,14		1-left in wall overnight (escaped) 3-ditto 7-ditto 9-N
	1390	295	♂	m	scrotal			4,14	4,13	4,13	4,14		4,13		4,13		2-wall 4-wall 5-Wall overnight 7-ditto 9-N
	1263	275	♂	m	scrotal		5,16	[illegible]	4,15		4,15		5,16		5,16		1-left in wall overnight 3-ditto 5-ditto 7-ditto 9-N
	1267	210	♀	m	up, parous			4,18									
	1256	205	♀	m	up, parous		4,15			5,16	4,15		4,15		4,15		1-left in wall overnight - ear fucked. 4-Wall 5-wall overnight 7-ditto 9-N 2-Wall
	1375	270	♂	m	scrotal			4,15									
	1370	220	♀	m	pul, parous			7,17		6,17		6,17		6,17	5,17		
	1386	280	♂	m	scrotal				5,10		4,13		5,10		5,10		4-wall 5-Caught in wall, left overnight 9-wall
	1300	285	♂	m	scrotal				4,13								
	1371	255	♂	m	scrotal						5,16			8,15	4,15		5-left in wall overnight 9-N
	1495	275	♂	m	scrotal							5,16					6-wall
	1367	205	♂	m	scrotal										4,14		9-wall

Perognathus - 02210
Microtus - 02440
Pmanic - 01420
R. meg - 02200

Pebble, D.O.
1969

Individual - Grid Data

Washington Reservation, Monterey Co., Calif.

Grid 20: 11/32. species

Spp.	No	Wt	Sex	Age	Body	Dec 1	2	3	4	5	6	7	8	9	10	Comments
						March 17 (Pm)	March 18 (Am)	March 18 (Pm)	March 19 (Am)	March 19 (Pm)	March 20 (Am)	March 20 (Pm)	March 21 (Am)	March 22 (Am)		
Perognathus	02110	23.5	♂	m	scrotal		5,18	4,18	4,18	4,18	4,18	4,18	4,18	4,18		
	02130	24.5	♂	m	scrotal			5,9		4,10	4,10	4,10		4,10		
Peromyscus	01332	21	♂	m	scrotal (barely)						4,18	5,17	5,17	5,17		
	0202	24.5	♂	M	scrotal						8,18	8,18	8,18	8,18		
	04	20.5	♀	M	up, parous							9,17	9,17			8-9,17
	0332	21.5	♀	m	up, parous?									5,8		
	0320				Should have weighed									4,8		

Tisbe, D.D. 1989

Journal - GRID Demonstration w/ Unbanded, Color-marked Survey

GRID MC's
GRID DC's - Quick Survey

Apr 8 (Sun) 10 Am
April 7 (Pm)

Apr 8 (Sun) 8-38g. radio-collared Ch # 12

Spp	No	wt	Sex	Age	Breeding	Dec	1 Apr 1 (Pm)	2 April 2 (Am)	3 April 2 (Pm)	4 April 4 (Am)	5 April 5 (Pm)	6 April 6 (Am)	7 April 6 (Pm)	8 April 7 (Am)	Comments
R. californicus	020	51	♀	M	~~lact~~ Preg/part		4,9				4,8				1-dusted ORANGE 5-53g, Preg/part! Dusted
(GRIDRC	1257	39.5	♂	M	scrotal		4,8	4,8			w-5	4,8		4,8	1-covered w/ORANGE 5-covered w/ORANGE
	030	46	♀	M	perf, parous		6,15	5,14							1-dusted BLUE-GREEN
	1979	43	♀	M	~~lact~~, parous		7,17	7,16							
	1655	44.5	♂	M	scrotal		7,17	7,18							
	0400	39.5	♂	M	scrotal			6,15					6,15		7 - covered w/ BLUE-GREEN powder
	1364	44.5	♀	M	~~lact~~, preg, p-1?			5,13					5,13		2-teats extended, not swollen, no milk Dusted Brown 7- 44.5g, Pregnant
	1155	42.5	♂	M	scrotal			5,12					5,13		
	0130	45	♂	M	scrotal			6,11						5,11	8-radio-collared. Ch # 7 ⊖, 45g. Dotted Tail w/ white-tip
	1225	43.5	♀	M	lactating (strong!)			5,10					5,10	4,9	2-Dusted PURPLE 7-44g. Radio-collared Ch#10 ⊖
(GRIDMC's	1331	37.5	♂	M	scrotal					9,13					
	1351	43	♀	M	lactating (barely)				9,7					9,8	3-dusted ORANGE 8-41g not lactating.
	1480	37	♂	M	TWD (close)				9,6	9,16			9,6		7-covered w/ORANGE Powder - 35g.
	1496	32	♂	SAD	TWD				10,4						
	1508	31.5	♂	SAD	TWD				11,4	10,4					4-covered w/ visible PURPLE
	020	46.5	♀	M	lact (strong) ~~p-lact (no milk)~~, preg(?)				11,4	11,5		10,6	11,5		3-dusted PURPLE 4-lact strong!! 7-not lact 8-lact strong
or	1497	37.5	♀	SM	Perf, milky				11,15	9,14					
	1460	45.5	♀	M	~~lact~~ (barely) ~~p-lact (no milk)~~				8,17	9,17					3 hind teats swollen, pointed, wounds - dusted GREEN 4-milk, barely ♯
	0100	49.5	♀	M	lactating (barely) Pregnant					8,4			7,4		4-dusted ROD, not Pregnant 7-49g, Preg, not lact.
	1510	25.5	♀	Im	multip					8,5					
	0200	38.5	♂	M	scrotal					11,4					
	1212	38.5	♂	M	scrotal					11,5			♯ 11,4		4-covered w/visible PURPLE 8-covered w/visible powder
	1509	34.5	♀	SAD	multip					9,18					
	040	37.5	♂	M	scrotal					9,17					

8-collar-recollared

9,7 dusted lactating strong. 41g
9,6

11,5 43g lact strong (C Ch# 4 ⊖)

43.5g, lactating. Ch# 7 ⊖

10-6 36.5 scrotal (C Ch# 10 ⊖)

9- Ch# 10 37g, scrotal

1111 ♂ M scrotal 39g 9,10

Tibble, D.O
1989

Journal - Grid Data

Hastings Reservation, Monterey Co., Calif

Grid MC & RC Survey

SPP	No	Wt	Sex	Age	Buds	Oct 4	5	Oct 7	8	9	Comments
MC Grid	1111	39	♂	m	scrotal	9.40					
Rabbithaven	1560	25	♀	m	nulip			84	805		

PETRO LC

Cof A (-2, -7)

SPP	No	Wt	Sex	Age	Bldg	Occ 1 April 14 (PM)	2 April 15 (AM)	3 April 15 (PM)	4 April 16 (AM)	5 April 16 (PM)	6 April 17 (AM)	7 April 17 (PM)	8 April 18 (AM)	9 April 18 (PM)	10	Comments
P. californicus	1979	46.5	♀	M	up, ~~lact~~ ~~prob~~?	5,17	8,18		7,16	7,18	7,18		7,16	8,18		1-dusted RED 7-def. lact. 46.5g. 4-41.5g 5-43.5g. redusted 6-42g
	030	51.5	♀	M	Def, ~~lact~~ ~~prob~~?	5,16	6,15		5,14	5,14		6,15	6,16	5,14		1-dusted BLUE-GREEN 2-52g 4-50g. 5-50g, dusted. BD 10 dusted
	1955	43	♂	M	scrotal	8,18	9,17		9,17		8,18		9,18			2-Red rump ♀ 6-covered w/ fresh RED
	0480	41.5	♂	M	scrotal	6,16		6,15	6,15		5,14	4,15	5,17	5,14		3-covered w/ BLUE-GREEN
	0130	46.5	♂	M	scrotal	6,10	7,11		4,9	6,10	5,9	5,9	5,9	6,10		7-covered w/ PURPLE
	1513	24.5	♂	Sm	TWD	4,8	4,8	4,8	4,8	4,8	4,8	4,8	4,8	4,8		1-Orange marble in Ears 7-covered fresh ORANGE
	1364	39	♀	M	up, lact (strong)		8,12	4,13	5,13	7,12	5,13		5,12	4,13		2-Dusted BROWN. 4-40.5, lact 5-39.5g, redusted.
	1225	41.5	♀	M	def, lact		7,9	5,10		7,9	6,10		4,9	5,9		2-Dusted PURPLE 5-41g, lact, redusted 9-39.5g redusted
	1155	39	♂	M	scrotal			5,13	7,15			5,12	6,15	5,13		3-covered w/ BROWN 9-" "
	1526	33.5	♂	Sm	TWD (close)						5,9	4,8				7-covered with ORANGE!!
	020	45.5	♀	M	lactating						4,8			4,9		6-only lactating / heat. Dusted ORANGE. 9-def, lact, 43g, perf, Dusted.
	010	40	♂	M	Scrotal						5,8					6-drift fence animal!!
	1528	25	♂	SAD	TWD								4,8	4,8		9-ORANGE in ears, around mouth

LOCO RD - P. californicus COHORT

Washington Reservation, Manatee County, FL

5, 10.2854

9-50.5g 3.4286, 7.9

6.6, 10.6

3.246, 8.1429

3.5, 2.625

2, 1

8-Lact 3.4286, 5.291

9-40.5g. redusted

3.67, 2.83

5.4, 6.6

2.5, 1.5

2, 1.5

5, 1

2, 1

Calf

JOURNAL - GRID DATA

LIBBLED.D.

New - 0232

SPP	No	Wt	Sex	Age	Brdg	Occ 1 April 14 (pm)	2 April 15 (am)	3 April 15 (pm)	4 April 16 (am)	5 April 16 (pm)	6 April 17 (am)	7 April 17 (pm)	8 April 18 (am)	9 April 18 (pm)	10	Comments
P. bayliii	0210	26.5	♀	m	up, parous, Lact?	9,18					8,14					1-caught by tail ½ out of log in door. 6-27g, Lact?
	0311	32.5	♀	m	preg! up	7,16	7,16	6,17	7,16	8,16	8,15	8,15	8,14			2-32.5 5-25g, Gave BIRTH 6-Sperm plug.
	03/4/00	36!	♀	m	preg!	6,11	6,11	6,11	5,8		8,10	7,9	6,11	5/8		2-36 4-36 6-31g, BIRTH, & Sperm plug!
	010	26	♂	m	scrotal	6,11			6,11	6,11	6,11	6,11	6,11			
	012	25.5	♀	m	up, parous	5,10	4,10	3,11	5,10	5,10	5.12	4,10	3,11	4,10		
	04331	26	♂	m	scrotal	5,11	5,11	5,11	4,10	4,10	4,10					
	02042	24.5	♂	m	scrotal	5,11	5,10							5,12		9-25g.
	03121	26.5	♀	m	up, parous		5,17		4,18	4,18	4,18	4,18	4,18	5,17		
	0242	28.5	♀	m	up, nullip	4,13					4,18		5,16			
	0332	24	♀	m	up, nullip	5,8	5,8	5,8	5,8	5,8	5,8	5,8	5,8	5,8		
	02042	26	♂													
	03200	25.5	♀	m	up, parous	3,9		4,8	3,8				4,10			
	01412	23.5	♂	m	scrotal		7,9									
	0310	23.5	♂	m	scrotal		3,8				3,8			3,8		
	0242	27	♀	m	up, nullip early preg?				4,16							
	0132	24	♀	m	up, parous				5,17	6,18	5,17	5,17	5,17	6,15		
	04410	24.5	♂	m	scrotal				6,17	6,17						
	0242	30	♀	m	pregnat, up				3,8		3,8		3,8			
	01101	24.5	♂	m	scrotal					9,18						
	0332	24	♂	m	scrotal						4,18	4,18	4,18			
(A)	02112	24	♀	m	up, nullip						9,18					
	03100	32	♀	m	preg, up						8,12			7,12		9-26g, Gave Birth, Sperm plug!
(A)	01222	26	♀	m	up, parous							3,8				
	0210	28	♂	m	scrotal								7,14			

Cont'd on Misc. page

Cont'd on Misc. page

Lubbock, TX
1989

Lubbock, Reservoir, Mackey, Co., Calif.

STUDY RE: P. bayliii only

ANNUAL - GRID DATA

Kubie, D.O.
1989

Individual-Field Data

Washington Reservation, Monterey Co., Calif.

Grid Loc.: N. fuscipes

Spp.	No	Wt	Sex	Age	Bridg	Occ 1	2	3	4	5	6	7	8	9	10	Comments
						April 14 (PM)	April 15 (AM)	April 15 (PM)	April 16 (AM)	April 16 (PM)	April 17 (AM)	April 17 (PM)	April 18 (AM)	April 18 (PM)		
N. fuscipes	1255	225	♀	M	vp, parous	4,15		4,15			4,15		4,5			1-Wafl overnight 6-Wafl 3-" "
↓	1370	245	♀	M	vp, preg?		5,17		7,18	7,18		7,18		6,17		5-left overnight
	1263	300	♂	M	scrotal		5,16		5,16	5,16		5,16		4,15		2-Wafl 5-Wafl overnight 9-Wafl 4-Wafl 7-Wafl overnight
	1390	290	♂	M	scrotal		4,14									2-Wafl
	1309	240	♀	M	vp, parous	4,13		4,13		4,13		4,13		4,13		1-Wafl overnight 5-ditto 7-ditto 9-Wafl 3-ditto
	1259	290	♀	M	vp, nullip	6,9		6,9			6,9			5,9		1-left overnight 9-Wafl 3-" "
	1439	290	♂	M	scrotal	5,9			5,9			5,9		5,9		1-Wafl overnight 4-Wafl 7-Wafl overnight 9-Wafl
	1280	235	♀	M	vp, nullip				4,14	4,14			4,14	4,14		4-Wafl 5-Wafl overnight 8-Wafl 9-Wafl
	1495	280	♂	M	scrotal						7,17		7,17	7,17		6-Wafl 8-Wafl 9-Wafl
	1470	225	♀	M	lactal						8,12					

02440

Perog - 02400
Micrdip - ~~02440~~ 03000
Pmanic - 01420
Pmaniculatus - 03200

Russell, D.D.
1969

Habitat Restoration, Monterey Co. Calif

Journal - Field Data

Spp	No	Wt	Sex	Age	Bldg	Occ	1 Apr 14 (Pm)	2 April 15 (Am)	3 April 15 (Pm)	4 April 16 (Am)	5 April 16 (Pm)	6 April 17 (Am)	7 April 17 (Pm)	8 April 18 (Am)	9 April 18 (Pm)	10	Comments
Perognathus	02020	21.5	♂	m	scrotal		4,18								4,18		
↓	0130	23.5	♂	m	scrotal		4,18	4,10	6,10	4,10	5,11			4,12	6,10		
	(N) 02320	24	♂	m	scrotal			4,18									
	(N) 02340	22	♀	M	up, nulliparous			5,9		5,11		5,11		5,11	5,10		
	(N) 02440	23.5	~~♂~~ ♀	m	~~scrotal~~ nulliparous				?	4,18		6,17	7,16	6,17	5,18		
	02200	27.5	♂	m	scrotal					4,9	6,9				7,9		
Ploagilis	03241	26	♀	M	up, parous										6,18		
Microdipodops	(N) 03003	36	♂	m	scrotal					6,18	6,18				6,18		watered t-cff
	02030	58.5	♀	m	lact, preg					6,18				6,18			
	(N) 02440	47	♀	M	perf, parous							4,16	4,16		4,16		? - vagina wide open ? & loody (?)

Lassle, D.D.
1984

Ashley Lassle Ranch, Willow Creek Co., Calif.
Journal - Field Data

Spp	No	Wt	Sex	Age	Brdg	Occ	May 15 (Pm) 1	May 16 (Am) 2	May 16 (Pm) 3	May 17 (Am) 4	May 17 (Pm) 5	May 18 (Am) 6	May 19 (Am) 7	May 19 (Pm) 8	May 20 (Am) 9	10	Comments
P. californicus	1979	44	♀	M	perf, post lact		6,18	5,17	9,18	6,18	7,18	8,18	6,17	5,17	7,18		1-dusted Red 2-milk 2-milk 8-p-1, 4R dusted 5-445g, 1R dusted.
↓	1955	43	♂	M	scrotal		6,18	9,17		5,17		9,17	5,17		9,17		2-Red visible in ears 6-covered w/ RED
	030	47	♀	M	lact		5,15	4,13	4,13	6,16	5,14	5,14	5,14	5,15	6,15		1-dusted BLUE-GREEN 8-428, not lact Redasted 5-455, 1R dusted 7-388g - gave birth?
	1560	23.5	♀	Im	nullip		7,9	5,11	5,11	5,10	6,11	6,11	6,11	5,11	5,11		
	1304	41	♀	M	lup, post lact		5,12	5,12		5,12	5,12	5,12	4,13		4,13		1-dusted BROWN, no milk, post-estrus 4-lactating 5-385, 1R dusted 7-368, lact
	1526	34	♂	SM	scrotal		4,9	5,9	5,9	4,9	4,9	5,9		5,9	4,9		1-Covered w/ fresh ORANGE 3-5-1524-5 5- fresh ORANGE
	1555	31	♀	SM	perf, nullip		5,9	5,9	5,9	5,11	6,11	5,10	6,10	5,9	6,10		
	1572	40	♀	M	perf, nullip			5,17	5,17	5,18		7,18	5,15	7,16	7,16		
	1557	21	♀	Im	nullip			9,18					9,18		9,18		
N	1577	31	♀	SM	lup, nullip			9,18	6,17	7,18	9,18	6,17	8,18	7,18	9,18		white-tail typ 6-distinct GREEN patch on ear 7-contact (?)
N	1578	16.5	♀	Im	nullip			8,18	7,18	8,18	6,18	8,18	6,18	7,18	6,18		white tail typ 3-covered w/ fresh RED
	0340	39	♀	M	lup, post lact			8,18		8,18							off mouse. 4-37g, perf, p-l. Redasted GREEN
N	1579	17	♀	Im	nullip			7,14		6,13		6,13			5,13		white-tail-typ no visible powder
	1155	42	♂	M	Scrotal			5,13		4,13		5,13	5,13	5,12			7-Covered w/ BROWN
	0480	41	♂	M	Scrotal					4,16		5,16	6,16		5,15		4-Blue-Green visible in ears 7- " " " "
	1235	37	♂	M	Scrotal					9,18					9,18		4-Green visible in ears
N	1582	14.5	♂	Im	TND					5,14			5,14	5,14	6,15		4-Blue-GREEN visible in ears 4- covered w/ BLUE-GREEN
	0130	45	♂	M	Scrotal					5,9		7,9	5,10	5,10			
	020	55	♀	M	Res? lup, parous					5,8		4,9	6,9		4,8		4-dusted ORANGE, doesn't think she is pregnant 6-53.5 7-49g, Split-plug; not lact - caught in trap
N	1587	15	♀	Im	nullip								6,15	6,15			7-covered w/ BLUE-GREEN
N	1589	16.5	♂	Im	nTND									8,15			8-covered with Golden Brown. Returned to lab.
	1478	34.5	♂	M	Scrotal										5,18		off mound. Covered w/ Purple.

♀-not preg/lact

20 AM

PM hours collected 03141

02342

04020

01312

Kew-0234

Kibble, D.D.
1989

Journal

Hastings Reservation, Monterey Co., Calif.

Grid 22: P. boylii ow14

Spp	No	Wt	Sex	Age	Body	Det	tail coll.	May 15 (Pm)	1	May 16 (Am)	2	May 16 (Pm)	3	May 17 (Am)	4	May 17 (Pm)	5	May 18 (Am)	6	May 18 (Pm)	7	May 19 (Am)	8	May 20 (Am)	9	10	Comments
P. boylii	03121	24.5	♀	M	nip, lact	✓		4,10		4,10		4,10		5,17		5,17		5,17		5,17		4,10		5,17			
	04020	26	♂	M	scrotal	✓		4,16						4,10										4,12			9-CT
	010	24	♂	M	scrotal			6,10		8,10							7,9							5,8			Should have collected tail!!
	03200	25.5	♀	M	nip, pavous	✓		3,9		3,8		3,9		3,8*		3,9							3,8	3,8			4 - escaped, not sure #. Collect tail - slipped off
	04331	25	♂	M	scrotal	✓		4,12		4,10		4,10		4,10		3,11		3,11		4,12		3,11		4,10			1 - caught in sandtrap as 012
	012	27	♀	M	perf, pavous	✓		4,12		4,10		4,10		4,10		4,12						3,11		4,12			2 - " " " " as 04331
	0210	27	♀	M	lact	✓				8,17								8,14		8,10		9,18		9,18			
	02110	28	♂	M	scrotal	✓				8,15												8,14		7,16			
	0242	28.5	♀	M	lact	✓				4,13		4,13		4,12								4,16		4,16			
	0332	24	♀	M	perf, pavous	✓				4,9										5,8		5,8		5,8	4,9		
	03/300	30	♀	M	pregnat	✓?				7,11		5,8		7,11		5,8				6,10		6,9		6,11			3-328
	04410	25	♂	M	scrotal	✓				8,14										8,11					8,12		
	03100	30	♀	M	preg	✓				8,12														8,12			
	04012	24	♂	M	scrotal	✓				7,9				5,8		7,9						5,8		5,8	5,8		
(N)	02312	11.5	♂	Im	TWD	✓						7,9										7,9					
	02042	26	♂	M	scrotal	✓								5,18						4,18				5,18	7,18		
	01101	25.5	♂	M	scrotal									9,18		9,18											
(N)	02322	15	♂	Im	TWD	✓								9,17		9,17								9,18			
(N)	02332	14.5	♀	Im	nullip									8,15													
	0310	24	♂	M	scrotal	✓								3,8						3,8		4,10			3,8		
	03200	32	♀	M	pregnant													8,12									
	01212	25	♀	M	perf, null	✓																3,8		3,8			df mouse
	03241	25	♀	M	lact															9,18	+	found dead in trap PM. Didn't save but examined uterus. 2 right (1 at junction?)						
(N)	02342	10.5	♂	Im	TWD	✓																			4,10		

Kisbiu Research, Monterey Co., Calif.

1984

Journal-Grid Data

Grid RC: W. Kingsley Daily

Spp	No	Wt	Sex	Dsg	Body	Occ	May 15 (Fri) 1	May 16 (Sat) 2	May 16 (Sun) 3	May 17 (Mon) 4	May 17 (Mon) 5	May 18 (Tue) 6	May 19 (Wed) 7	May 19 (Wed) 8	May 20 (Thu) 9	10	Comments
w/ Dusky	1263	290	♂	M	scrotal		4,15		4,15		5,16		5,16		5,16		1-wall overnight 5-ditto 9-W 3-ditto 7-Wall
↓	1255	230	♀	M	lact, up		5,16		4,15		4,15		4,15	4,15			1-wall overnight 3-ditto 7-Wall 8-WO
	1370	275	♀	M	up, p-1, preg?		7,18			7,18	~~7,18~~	7,18	7,17	6,17			1-overnight 7-wall 8-O 5-overnight
	1495	265	♂	M	scrotal		7,17			7,17	7,17			7,17			1-wall overnight 6 ~~overnight~~ wall 4-Wall 8-W,O
	1230	250	♀	M	lact			4,14	4,14		4,14		4,14		4,15		2-Wall 7-Wall 3-Wall overnight 5-Shena overnight 9-W
	1390	305	♂	M	scrotal		4,13		4,13		4,14			4,13			1-wall overnight 3-ditto 5-ditto 8-ditto
	1309	235	♀	M	lact		4,13		4,13		4,13		4,13				1-wall overnight 3-ditto 5-ditto 7-Wall
	02000	305	♂	M	scrotal			5,10									2-Wall - lost at least 2 ets, scarred on back, lost toe # 02000
	1259	205	♀	M	up, Parous		5,10			5,10	6,9			6,9			1-wall overnight 4-Wall 5-Wall overnight 8-ditto
(a)	1580	100	♂	Im	TWD		7,12				7,12		7,12	7,12			1-overnight 5-overnight
(a)	1581	100	♂	Im	TWD			8,13	8,13	8,12		8,13	8,12	8,12			
(a)	1583	100	♂	Im	TWD				7,12			8,12	8,13	8,13			
(a)	1585	280	♀	M	Pregnant							5,17					
	1417	250	~~♀~~	M	up, p-1										7,13		lt ear-tag ~~#~~

Perog - 02400
02440

Micrutus - 03010
P. ochrog - 01420

Robbins Reservation, Monterey Co., Calif.
GRID RC: Mise Species

ROBBE, D.O.
1989

JOURNAL - Field Data

Spp.	No.	Wt	Sex	Age	Bldg	Acc	1	2	3	4	5	6	7	8	9	10	Comments
Perognathus	02340	23	♀	M	up, p-lact			5,11				4,12					
"	0130	24	♂	M	Scrotal							5,9	5,11	4,12			
P. longimembris	02112	27	♀	M	lact	✓									9,18		
Microtus ↙	03000	21	♀	Juv	nullip					6,18							
	02030	47.5	♀	M	lact						6,18		6,18				
	0300	43.5	♂	M	scrotal							6,18			6,19		
	~~0250~~	~~21.5~~	~~♀~~	~~M~~	~~lact (b-p)~~												

LABBE, DD
1989

Kissimmee Restoration, Muskrat Lk., Osceola Co., Fla.

GRID RC: P. californicus BALL 4

Jan-Feb Data

Spp	No	Wt	Sex	Age	Body	Dec	June 21 (Thu) 1	June 22 (Fri) 2	June 22 (Fri) 3	June 23 (Sat) 4	June 23 (Sat) 5	June 24 (Sun) 6	June 25 (Mon) 7	June 26 (Tue) 8	June 26 (Tue) 9	June 27 (Wed) 10	Comments
P. californicus	1578	29.5	♀	Sad	Imp null		7,18	8,18	7,18		8,18	7,18	6,17	[illegible]	7,17	9,17	2-30.5 3-30g covered w/ RED 7-28g [illegible] 10-39.5g 6-27.5g
	1587	27	♀	Sad	Perf null		7,16	7,16	5,17	5,17	5,16	6,15	5,15	4,15	7,16		2-imp, 27g. 4-27g 7-26.5g 3-covered w/ BLUE-GREEN, 27g 6-27
	1579	26.5	♀	Sad	Imp null		7,14	8,13		5,17		7,14		[illegible]			2-27 8-26.5 6-27.9g
	1364	41.5	♀	M	Imp post-lact		7,13	5,12		8,13	5,12	4,13	5,12				1-dusted brown 4-40g, lact 7-38.5 2-42.5g, lactating 5-37.5g, redusted
	0400	405	♂	M	scrotal			4,16									
*	1955	44.5	♂	M	scrotal			6,17		9,17			8,18	8,18			4-43g covered w/ RED 7-41.5g 8-42.5g
	1979	44.5	♀	M	imp, parous			6,18		5,17		9,17		9,18		5,17	2-dusted RED 6-41g 8-41.5, redusted 4-42.5g 10-41.5g
31.5	1589	27	♂	SAD	TND			8,15		6,18	8,18	8,18	8,13	8,18			4-28.5g 6-27g 8-26.5g 7-26g, no powder
	1582	26	♂	Imm	TND			7,15		6,15	6,15	6,15	5,15	8,15		7,16	4-Blue green visible in ears + tail, 28g 6-26 7-26.5 8-25.5 10-26g
	030	47	♀	M	imp, post-lact			5,14		5,14		5,15		5,14	[illegible]	5,14	2-dusted BLUE-GREEN 8-46g, redusted 4-45.5g, Imp 6-45.5
(N)	1648	47.5	♀	M	imp, nullip			4,9	"217-104" − 27-24.5 = 47.5g.						Mortality.		2-returned to lab
* "N"	0110	41	♂	M	scrotal			5,12		5,13		8,12				6,11	pet, nipped out. tail & ear prev. coll. 10-39.5g coll tail-ty 4-38.5g 6-39g
	0400	405	♂	M	scrotal			4,16	5,16				5,13		5,14		3-collected w/ BLUE-GREEN 9-39g 7-38.5g
	0100	44.5	♂	M	Scrotal				6,10						[illegible]		9-46g Is this 0130 below??
	[illegible] 0130	[illegible] 46	♂	M	Scrotal					6,9							
	020	60	♀	M	Preg!!								5,8			4,8	7-dusted ORANGE Tp-46g, lact, perf Df missed
	1551	38	♀	M	imp, parous									7,18			
	1513	32.5	♂	M	TND									4,8			
	0130	46	♂	M	scrotal					6,9					5,11		9-no powder same as 0100?? 46g
	1572	44	♀	M	perf, null											6,16	

prob 1155

Rec'd 4/5/11 2

Russell, D.O.
1984

Breeding Examination, Monterey Co, Calif.

Journal - Gyrid Data

Gyrid #2: P. bryii only

Spp.	Nb.	Wt	Sex	Age	Bldg	Dec 1	June 21 (Thu)	June 22 (Fri)	June 22 (Thu)	June 23 (Fri)	June 23 (Thu)	June 24 (Fri)	June 25 (Thu)	June 26 (Fri)	June 26 (Thu)	June 27 (Fri)	Comments
P. bryii	03121	25.5	♀	m	Imp par		4,18	4,18	4,18	4,18	4,18	4,18	4,18	4,18	4,18	4,18	2-25g.
	03100	26	♀	m	p-l Imp		8,11	7,11			6,11	6,11	8,10	6,11	6,11		2-26g.
	04331	25	♂	m	scrotal		3,11	3,11	3,11	3,11		3,11	3,10	4,10	3,9	3,11	3-26g.
	02042	27	♂	M	Scrotal			4,18	4,18	4,18			4,18	4,18		5,18	
(N)	03002	20.5	♂	SAD	TND			5,17	7,16					6,17	6,17		2-coil tail
(N)	03012	18	♂	SAD	TND			6,18		5,18	5,18	6,18	6,18	6,18	5,18	6,18	2-coil tail
	04020	24.5	♂	M	scrotal			4,12		4,12		4,12		4,16		4,16	
	02432	19	♂	SM	TND			4,8		3,8	3,8	3,8	4,8	4,8	3,8	4,8	
	0332	24	♀	M	up, nullip			5,8						5,8	5,8	5,8	
	02412	18.5	♂	SM	TNP			5,8		4,8	5,8	5,8	5,8	5,8	5,8	5,8	
	02110	27	♂	M	scrotal			8,14					8,14				
	010	23	♂	M	scrotal			8,10								8,10	
	012	24	♀	M	up, nullip				4,12	3,11		3,11	3,11	3,11	4,10	4,10	
	02322	18.5	♂	Sad	TND					9,17		9,18	9,17	7,16	7,16		
	0310	23	♂	M	Scrotal					3,9	5,8					3,8	
	02332	19	♀	Sad	Imp null					8,14		8,14		8,14		8,16	4-collected tail tip
	04410	25	♂	M	Scrotal					8,12	6,11	6,11	8,12	8,12		6,11	
	02022	17.5	♂	Sad	TND						9,17						
	0242	27	♀	M	up, parous						(	4,16		4,16	4,16		
(N)	03042	10.5	♂?	Juv	TND							7,11	6,14				6-coil tail
	02342	17	♂	Sad	TND									5,18		4,16	8-should have weighed
(N)	03102	23	♀	M	up, nullip									5,14	4,12		6-coil tail
	01222	21	♀	M	up, nullip									3,8			
	0440	24.5	♀	M	Imp Par											3,11	losing toe 10

Pelog - 03020
Mic Mon - 03010
P maxic - 01420
E mag 03320

Visible, D.O.
1989

Hastings Reservation, Monterey Co., Calif.

Grid Zone: Wise Species

Grid Zone - Grid Data

Spp	No	Wt	Sex	Reg	Body	Occ 1	2	3	4	5	6	7	8	9	10	Comments
						June 21 (Pm)	June 22 (Am)	June 22 (Pm)	June 23 (Am)	June 23 (Pm)	June 24 (Am)	June 25 (Pm)	June 26 (Am)	June 26 (Pm)	June 27 (Am)	
Peromyscus (N)	02400	24.5	♂	m	IND	4&,9	4,8	4,9	4,9		4,8	4,9	4,9	4,9	4,9	2-26?
	02440	28	♀	m	~~lact~~ nip, ~~lact~~ lact		5,18		5,18	5,18	5,18		6,18		6,18	
	02340	26	♀	m	nip, 0-lact		5,10	4,11	5,10	5,11	5,11	5,11	4,11	6,10	4,11	4-lact
	0130	23	♂	m	scrotal		4G									
(N)	02410	19	♂	Sm	IND			7,16		7,16			9,17		8,17	10-19.5g
(N)	02420	19.5	♀	SAD	nip, nullip								4,12			
Microtus																
P. boylii (N)	03112	11.5	♂	Imm	IND										7,11	collected tail tip
S. townsendii	Cat # 9616	4	?								4,18	Mortality				
Sorex trowbridgii	0160	5.5	♂?	m					4,13							
(N)	03300	5.5	♀	Im	nullip						4,12					
(N)	03240	13	♀	m	lact				8,18							
(N)	03200	7.5	♂	m	Scrotal		6,11									
Reithrodontomys	03210	4	♀	SAD	nullip		5,10									
(N)	03220	9	♂	M	scrotal		9,18						6,15			
(N)	03230	11	♀	m	lact				6,18							

Kissling, Rosemarie, Workday Co., Calif.
GPID RC: N. fuscipes only
Journal - Grid Data

Spp	No.	Wt	Sex	Age	Brdg	June 21 (pm)	June 22 (Am)	June 22 (pm)	June 23 (Am)	June 23 (Pm)	June 24 (Am)	June 25 (Am)	June 26 (Am)	June 26 (Pm)	June 27 (Am)	Comments
N. fuscipes (N)	1646	~~150~~ 105	♂	SM	IND	Del 1	4,16		4,16	4,15		4,15		4,15		5 - Natl overnight 7 - overnight 9 - left overnight
	1370	190	♀	m	Imp, p-l		7,17		7,16	6,17		7,18		6,17		5 - left overnight 9 - left overnight 7 - " "
"N"	1647	235	♀	m	Imp par		4,14	4,14		4,14		4,14				2 - PET ripped out 3 - In Natl overnight 5 - ditto 7 - ditto
	1259	205	♀	M	Imp, parous	5,10		5,10	5		6,9		5,10	6,9		1 - left overnight 9 - left overnight 3 - overnight in Natl
	1560	105	♂	Sad	IND		7,12			7,12		7,12				5 - overnight 7 - overnight
	1255	160	♀	m	Imp par			4,13	4,15			4,15		4,16		4 - caught in Natl 9 - overnight in Natl 7 - Natl overnight
(N)	1650	170	♂	Imm	IND				6,17		6,17		6,17		6,17	
(N)	1651	80	♀	Imm	null Imp				5,16	4,16		5,16			5,16	5 - overnight 7 - overnight
	1495	240	♂	m	scrotal			7,17				7,17		7,17	~~7,17~~	3 - Natl overnight 9 - overnight in Natl 7 - ditto
	1309	200	♀	m	par				4,13	4,13		4,13				5 - Natl overnight 7 - ditto
(N)	1652	125	♀	Imm	null			4,13	~~4,13~~	4,13		4,13		4,13		3 - overnight 5 - " 7 - " 9 - left overnight 4 - Natl
	3 tags clipped	275	♂	m	scrotal				5,9			5,9			5,9	7 - Natl overnight
(N)	1653	55	♀	Imm	Null			7,12			7,16		8,13 ~~8,15~~		8,15	3 - Left overnight 10 - 59 g
(N)	1654	66	♂	Imm	IND				8,12		8,13	6,13			8,12	7 - overnight
"N"	1655	295	♂	m	scrotal						6,16			6,15		6 - PET ripped out 9 - overnight in Natl
	1386	280	♂	m	scrotal						5,10				5,10	6 - Natl
~~(N)~~	1658	~~175~~	♂	Sad	IND										9,18	
	1390	290	♂	m	scrotal									4,13		9 - overnight in Natl

Tibble, DO
1989

Journal - Grid Data

Hastings Reservation, Monterey Co., Calif.

Grid DC: Peromyscus only

Spp	No	Wt	Sex	Age	Bridg	Occ	1 July 17 (Pw)	2 July 18 (Au)	3 July 18 (Pw)	4 July 19 (Au)	5 July 19 (Pw)	6 July 20 (Au)	7 July 21 (Au) 200 Pw	8 July 21 (Pw)	9 July 22 (Au)	10	Comments
Peromyscus	1979	44	♀	m	Imp, par		9,17	9,17		6,18	5,17	6,18	5,17	6,18	5,18		1-Dusted RED 5-42g 7-38.5g 8-41g 4-41g.
V	1582	32	♂	Sad	TND		6,15	6,15	5,15	4,15		4,15	4,15		7,15		2-30.5g. 3-30g. covered w/ Blue green. 11-29.5g 4-31g. 6-30.5g 9-30g.
	030	43	♀	m	Perf, par		5,15	7,15					6,15		5,14		1-Sperm plug. Dusted Blue-green 2-45.5, perf 7-46g. 9-44g
	1587	31	♀	Sad	Imp, null		5,15	5,12		5,16		6,16	5,15	5,17	5,16		2-29g 6-30g 7-26.5 9-34g 4-24g 8-28.5-Blue green in ears
	1364	39.5	♀	m	Imp, p-l		7,13	5,12	4,13	5,12	5,12	5,12	5,13		6,13		1-Golden-Brown dusted. 3-38g 5-39g Redusted Redust 2-39.5g 4-38g 7-38g 9-36g
4	0130	45	♂	m	Scrotal		6,10		6,10	[illegible]		4,9	4,9		6,10		3-45g 6-47.5g 7-46 9-44g. 4-[illegible]
3	0400	38	♂	m	scrotal			4,16		6,15			5,14	7,15	5,14		4-40g 7-37.5g 8-39g 9-39g
	1589	29	♂	SAD	TND			6,17	7,17	7,17		6,16	7,18	6,17	5,13		3-27.5g 6-26g 8-24.5g 4-20.5g 7-24g 9-25.5g
2	1555	41.5	♂	m	scrotal			6,18	6,18	5,17	7,18						3-40.5g 5-42g 5-used in counts 4-47g
	1578	30	♀	LSAD	imp, null p			9,17		8,18	9,17	9,18	7,18	9,17	8,18		4-30g, covered w/ RED 5-30.5g 7-28.5g 6-29g 8-30g 9-30
	1579	31	♀	SAD	imp, null p			6,11		5,11		5,11	5,11		5,11		4-29.5g 6-30 7-29g 9-29g
1	0110	43	♂	m	scrotal			5,12	5,12	5,13		5,13	6,13	5,12			3-covered w/ Golden-brown. 42g 8-40g 4-42.5g. 6-42g. 7-40g
	020	47.5	♀	m	lactating					6,10		4,9	6,10				4-dusted ORANGE 6-52.5g! redusted ORANGE 7-42.5g. Gave birth? 8-39.5g 9-39.5
	1572	39.5	♀	m	par, imp								9,18	9,18	9,17		
(W)	1768	15.5	♂	Im	TWD										4,6.5		9-bled at trench, covered w/ ORANGE patella white tail tip

New - 05342

Ribble, D.O
1999

Journal

Mustang Research Ranch, Monterey Co., Calif.

BIRD RC: P. boylii BANDING DATA

Spp.	No	wt	Sex	Age	Body	Occ 1	2	3	4	5	6	7	8	9	10	Comments
						July 17 (Pm)	July 18 (Am)	July 18 (Pm)	July 19 (Am)	July 19 (Pm)	July 20 (Am)	July 21 (Am)	July 21 (Pm)	July 22 (Am)		
P. boylii	04410	21.5	♂	m	TND	7,12	7,11		6,11	7,11		7,11				2-238
↓	012	25	♀	m	Imp, par	3,11	3,11	3,11	4,12		4,10	4,10	4,10	4,10		2-268
	03121	22	♀	m	imp, paras		4,18	4,18	4,18	4,18	4,18	4,18	4,18	4,18		
	04020	24	♂	M	scrotal		4,16				4,12	4,16				7- Caught again 4,13?
	0302	18	♂	SAD	TWD		5,18		5,18	6,18		6,18				
	02322	20	♂	SAD	TWD		9,18	9,18	9,18	9,18				4,18		
(N)	03322	17	♀	SAD	imp, nulips		7,17		7,18	7,18	6,18			6,18		
	04331	26.5	♂	m	scrotal		3,11	3,11	3,11	3,11	3,11	3,11	3,11	3,11		
	02432	20.5	♂	EM	TWD		3,9	3,8	3,10		3,8	3,9		3,8		
	02412	19.5	♂	EM	TWD (close)		7,10	7,11	6,11	7,9		7,9		6,10		
	03042	13	♂	SAD	TWD		7,12	6,11 7,18			7,11	8,11		7,11		
	010	23	♂	M	Scrotal barely		8,10	8,10	7,9		8,10	8,10		8,10		
	03100	24	♀	M	imp, paras		8,10		7,11			7,11	6,11	6,11		
	02042	24.5	♂	M	scrotal (barely)			4,18						4,18		
	0242	24	♀	M	imp, paras				4,16		4,16	4,16		4,16		
	02110	25.5	♂	M	scrotal				6,16							
	02342	18	♂	EM	TND				4,18	4,18						
	04411	25.5	♀	m	Imp, par							3,11	3,11			
	03202	23	♂	EM	TND							3,8				
	02400	27.5	♂	M	scrotal									5,10		
	0310	22.5	♂	M	TWD (soft									3,8		

Libbus, D.O.
1989

Hashing Reservation, Wadsworth Co., Calif

Spotted Owl: N. fuscipes only

Spp	No	Wt	Sex	Age	Bldg	Occ 1 July 17 (Pm)	2 July 18 (Am)	3 July 18 (Pm)	4 July 19 (Am)	5 July 19 (Pm)	6 July 20 (Am)	7 July 20 (Pm)	8 July 21 (Pm)	9 July 22 (Am)	10	Comments
N. fuscipes	1255	225	♀	M	Imp, par	4,15								6,16		1-overnight in Natl
↓	1646	155	♂	EM	TND		4,15	4,15		4,15	4,15	4,15	4,15			3-natl overnight 7-Natl 5-ditto 8-ditto
	16050	130	♂	SAD	rad		6,17		6,17	7,17		8,17		6,17		5-overnight
	1495	270	♂	M	scrotal	7,17		7,17				7,17		7,17		1-overnight in Natl 7-Natl 3-ditto 9-Natl
	1370	245	♀	M	imp, flown		7,16					7,16		7,18		
	1655	290	♂	M	Scrotal	6,16				6,16		6,16	6,16			1-Natl overnight 7-Natl. Bloody left ear 5-ditto 8-Natl overnight
	1652	130	♀	SAD	nullip	4,13		4,13		4,13		4,13				1-Natl overnight 3-overnight 5-overnight
	1259	225	♀	M	imp, parous		5,10		6,9		5,9		6,9			2-Natl 9-overnight
	3 scat-tag rips	300	♂	M	Scrotal		5,9							5,9		2-Natl 9-Natl
	1580	160	♂	EM	TND		7,12			7,12		7,12	7,12			5-overnight 8-overnight
	1647	225	♀	M	Imp, par				4,14	4,14		4,14	4,14			4-Natl 7-Natl 5-Natl overnight 8-Natl overnight
"N"	1767	230	♀	M	imp, parous			4,13				4,13	4,13			3-Natl overnight, pet bat upped out 7-Natl 8-Natl overnight
	1386	285	♂	M	Scrotal				5,10	5,10			5,10			4-Natl 5-Natl overnight 8-ditto
	1651	130	♀	SAD	nullip					5,8				6,16		5-overnight

Perog - 03340 ~~3400~~
P. megalotis - 03230
P. maniculatus - 01430

Tisbe, D.O.
1989

Journal-Field Data

Hastings Reservation, Monterey Co., Calif.

Grid DC: Wise Species

Spp		No.	Wt	Sex	Age	Body	Occ 1 July 17 (Pm)	2 July 18 (Am)	3 July 18 (PM)	4 July 19 (Am)	5 July 19 (Pm)	6 July 20 (Am)	7 July 21 (Am)	8 July 21 (Pm)	9 July 22 (Am)	10	Comments
Perognathus		02440	27	♀	M	p-l	8,17	5,18	5,18	5,18	5,18	5,18	5,18	5,18	5,18		
	N	03220	19.5	♂	Sad	TND	6,14			7,15		6,14	5,14	5,14	6,14		
		02400	26.5	♂	M	TND	5,11	5,11	5,11	5,11	4,10	5,8	4,10	5,11	4,9		
		02420	19.5	♀	SAD	up, mullip		4,17				4,18		5,18	4,14		
		02410	23	♂	SAD	TND		8,17									
	N	03230	16	♀	lmm	mullip		4,10		4,10	4,10						
		02340 ~~02400~~	26	♀	M	lactating		~~5,11~~ 5,10	5,11			4,12					6 - found w af tenson - Mortality
	N	03240	16.5	♀	lm	mullip		5,11			5,11		4,11	4,11			
		01130	22.5	♂	M	scrotal		4,9	4,9	4,9	4,9						
	N	03300	15	♀	lm	mullip		4,8	4,8	4,8	4,8	4,8	4,8	4,8	4,8		
		03000	19.5	♂	SAD	TWD		8,12	8,12	7,13	8,12	7,13	7,13	7,13	7,13		
	N	03310	11	♀	lm	mullip				4,18		4,17					
	N	03320	18	♀	Imm	mullip.					5,11	5,11	5,11	5,11	4,12		
	N	0002	26.5	♂	M	TND						8,18					Natural t-c ≠
	N	03330	12.5	♀	lm	mullip						5,10					
	N	03400	26	♂	Em	TND							8,15				
		02010	21.5	♂	m	TND							7,16	7,17	8,16		
		02430													4,8		shrunk.
P. megalotis	N	03230	14.5	♀	M	lactating									8,18		
		02420															

Kibbie, D.O.
1989

Journal - Speed Data

Washington Reservation, Monterey Co., California

Speed Gun - PC - Quick Survey

dk dust devils on 9th 8

July 31 (4th)
Aug 1 (4th)

Spp	ab	Wt	Sex	Age	Body	Dec 1	2	3	4	5	6	7	8	9	
Pocketmice	0400	38.5	♂	M	scrotal	4,14									
↓	1587	31.5	♀	SAD	nulip	4,14									
	030	45.5	♀	M	up, preg	5,13	5,17								2-47g!
	1364	38	♀	M	up, preg	5,12	5,12,5								1-dusted BROWN 2-38g, pref 2-31g
	1576	31	♀	SAD	nullip	7,17	7,18								
	1581	28	♂	SAD	TWD	8,18									
	010	45	♂	M	scrotal		6,13								
!	1551	39	♀	M	up, pregn		5.5,12.5								dk anal!
	1579	31	♀	SAD	nullip		5,12								
	1979	45	♀	M	up, preg		7,17								
	1581	26.5	♂	SAD	TWD		6,17	??	or 1589?						

♂ ♀ I S M

4 @ nullip, 1 unsexed
6) imp, perf

Spp		No	Wt	Sex	Dsg	Brdg	Oct 1	2	3	4	5	6	Comments
P. californicus		1589	35	♂	M	scrotal	6,17	9,18	8,18	7,16	5,17	5,17	2 - 34g 3 - 32.5g covered with red powder 5-42.0g 6-32.5g 4-32.0g
✓		1979	44	♀	M	Imp, par.	9,18	5,17	9,18	6,18		8,17	1-dusted red 3-43g 4-41g 6-41.0g
	✓	1578	38	♀	M	perf, nullip.	9,18	6,18	6,14	7,18			2-39g 3-38g 4-37.5g
	✓ N	1789	18.5	♀	I	imp, nullip.	7,16	7,15	7,15	7,15	7,15	7,15	2-19g 3-18g covered w/ blue-green 4-18g 5-17.5g 6-19.0g
1384	✓	030	50.5	♀	M	pg, ip-l, perf.	4,13			6,15	6,15	6,14	1-dust blue-green 4-51g 5-49.5g 6-50.5g, perf
	✓	1587	37	♀	M	imp, nullip	5,13		5,10	4,10	4,10	5,14	right eye infected 4-34g 5-32g 6-33g
	✓	1364	46	♀	M	pg, post-l.	6,11	5,13		6,10		6,11	1-dusted brown 4-47.5g 6-48.5g
1722	✓	0130	44	♂	M	scrotal	6,9	5,10					
	✓	1768	32	♂	M	TND	5,9	5,11	5,10	4,9	4,9	4,9	2-31.5g 4-29.0g 5-29.0g 6-28.5g
	✓ N	1790	35.5	♀	I sad	imp, nullip.	5,11	5,10	5,11	5,11	6,10	5,10	2-35.5g 3-33.0g 4-34.5g 5-34.0g 6-34.0g
	✓ N	1792	33	♀	EM	imp, nullip.	4,10			5,11	4,10	4,10	4-31.0g 5-30.5g 6-29.5g
	✓	1582	36	♂	M	scrotal		5,17	6,17				3-35.5g
1181	✓	0400	41	♂	M	scrotal		5,14		6,14		5,14	4-40.5g 6-39.5g
1764	✓	0100	42	♂	M	scrotal		6,11					
	✓ N	1795	31.5	♂	EM	TND		4,10	4,10	5,9		4,10	3-29.5g 4-30.0g 6-30.0g
	✓ N	1798	34.5	♀	M	Imp., nullip.				5,10	5,13	5,11	5-36.0g 6-36.0g
			160										
N. fuscipes	N	1797	230	♂	M	scrotal				9,17		9,11	
		1655	300	♂	M	scrotal			6,16		6,16	~~6,16~~	3-left overnite 5-left overnite
		1651	205	♀	M	imp., nullip.			5,15				3-left overnite
		1647	210	♀	M	Imp, parous			4,14			4,14	3-left overnite
		2 ear tags ripped	300	♂	M	scrotal				6,9		6,9	
		1767	245	♀	M	Imp., parous						4,13	

Cage 4 (-2,-7)

Kibele, D.O. 1989

Journal - Spec Data

Habitat Restoration, Monterey Co., Calif.

Grid RC: P. californicus only

4-6.7, 10.167
5.4, 10.6
5, 11
5, 8.167
3.5, 7.25
2.6, 4.4
3.75, 4.25
3.5, 2.5
2.5, 2.5
3.167, 3.5
2.25, 3.25
3, 10
3.33 7
4, 4
2.25, 2.75
3, 4.33

9:22

Peromyscus - 03420
Rmeg - 03430
Microtus - 03010
D. manic - 01420

Kibler, D.O.
1989

Journal Grid Data

Hopkins Reservation, Worthington Co., Mn.
GRID DC: Misc Species

Spp.		No	Wt	Sex	Age	Body	Occ 1	2	3	4	5	6	Comments
							5 Oct (Fri)	6 Oct (Sat)	6 (Oct Sun)	7 (Oct (Mon)	7 Oct Tue	8 Oct Wed	
Peromyscus		03402	25.5	♂	M	TND	4,17		4,18	4,18			
	N	03420	22.5	♂	M	TND	4,18			5,16		5,14	
		02010	25	♂	M	TND	7,16	7,16	7,16	6,16	7,16	7,16	
		03220	26.5	♂	M	TND	4,14	4,14	6,14	6,15	5,14	5,13	2 - 27g.
		03300	20	♀	M	imp., par.	5,9	4,9	4,9	~~5~~ 4,9	3,8	4,8	
		03230	20.5	♀	M	imp., par	4,12	4,12	4,11	3,11		3,11	2 - 20g.
		02400	28.5	♂	M	TND	4,10	4,10	4,10	4,10	5,11	5,12	2 - 29g ~~4 - 28g~~
		0130	27	♂	M	TND	~~4,17~~	4,17		4,16		4,15	
		03400	27	♂	M	TND		4,17			4,18	6,18	
		02420	20.5	♀	M	imp., par.		4,16	4,16	4,17	4,18	4,16	
		03000	26	♂	M	TND		9,18		8,18			
	N	03430	18.5	♀	M	imp., par.		8,15				8,15	
M. fusipes		1259	240	♀	M	Imp., parous					6,10		5 - left overnite
		1650	210	♂	M	TND		6,17	6,17		6,19		~~1 - left in trap~~, 3 - left overnite 5 - left overnite
		1580	205	♂	M	scrotal	7,13		7,13			7,15	1 - left in trap 3 - left overnite
		1255	240	♀	M	Imperf, parous			4,15	~~5,15~~	4,15		3 - left overnight ~~5~~ - left overnite
	N	1796	260	♀	M	Imp., parous			5,17				Not new; ear tag ripped out 3 - left overnite 5 - left overnite
		1658	275	♂	M	scrotal				9,18	9,18		
		1495	260	♂	M	scrotal			7,17			7,17	3 - Left overnite
R. megalotis	N	03430	7	♂	M	TND	3,9						
		03200	9	♂	M	scrotal				4,12		~~4,17~~	
	N	03440	11.5	♀	M	lact.						4,17	
Sorex t.		020	5.0	?♂?	M							4,14	
		010	5.5				8,18						
"	"	Cat # 1003	5.5					8,18	mortality				Shrew bridge mortality # (Sun) Cat # 1006 Sat 8,18
"	"	Cat # 1004	5.0					4,13	mortality				

78

225

New-03412

Tibbets, D.O.
1989

Fishing Resources Monterey Co., Calif.

Grid 22: P. boylii only

Juveniles - Grid Data

Spp	No	Wt	Sex	Age	Brdg	Dec	1 5 Oct (Fri)	2 6 Oct (Sun)	3 6 Oct (Sun)	4 7 Oct (Mon)	5 7 Oct (Mon)	6 8 Oct (Tue)	Comments
P. boylii	03412	25.5	♀	M	Imp, par								
↓	03121	25	♀	M	IMP, par		4,18	4,18	4,18	4,18		3,8	
	012	31.5	♀	M	pg.		3,11	3,11					2-
	02042	26.5	♂	M	scrotal		~~4~~	4,18					
	02322	24	♂	M	TND			9,17	9,17	9,18		9,18	
	02332	22.5	♀	M	imp., par.			8,14				8,16	
	02110	25.5	♂	M	TND			8,14		8,14		8,14	4- two 210?
	03100	24.5	♀	M	imp., par.			7,11		7,9		7,9	
	0332	24.5	♀	M	imp., par.			5,8	5,8				
	0402	21	♂	M	~~TND~~ scrotal			3,11		3,11		3,11	
	04331	~~25.0~~	♂	M	scrotal				3,11				
	03042	18.5	♂	EM	TND							4,12	
	02432	21.5	♂	M	scrotal					3,8		mortality	
P. manicul~~atus~~ (N)	0420	20.5	♀	M	Imp, parous post-l					6,8		6,8	
~~Perognathus~~ P. boylii	02400	26.0	♂	M	scrotal						5,8		
Perognathus N	3440	16.5	♀	EM	imp. nullip			7,12					
	02100	22.5	♀	M	imp, parous			4,8	4,8	4,8	4,8	4,8	
	03140	23	♂	M	TND			3,9	Mortality			Catalog # 1002	
	02~~1~~0	~~29~~											
N	04000	12.5	♀	Juv	imp, nullip			3,10				3,10	
N	04010	22.0	♀	M	Imp., parous				6,18	8,17		8,18	
	02430	24.0	♂	M	TND				5,8	5,8	5,8	5,8	
	~~02400~~		♂	M	~~TND~~					~~4,10~~			
	02110		♂	M									
N	04020	26.0	♂	M	TND							8,17	
N	04030	17.0	♂	Imm	TND							7,10	

Kibele, DO
1989

Washington Reservation, Monterey Co., Calif.

REID RL: P. californicus only

Coef disturbg (-2, -7)

Spp.		No	Wt	Sex	Age	Brdg	Dec 1 (Pm)	Dec 2 (Am)	Dec 2 (Pm)	Dec 3 (Am)	Dec 3 (Pm)	Dec 4 (Am)	Comments		
P. californicus ✓		1589	35.5	♂	M	scrotal	6,18	9,18	~~8~~ 9,17	7,16	8,18		2-34.0g 4-31.0	5.8	10.4
•	✓	1979	43.5	♀	M	Imp, preg?	7,18	43.0g 6,18	5,17	7,18	9,17	7,18	3-43g dusted RED	4.83	10.67
•	Ⓝ	2017	22	♀	Imm	Imp, nullip.	6,15		5,14		6,15	5,14	1-radio collared ch. 16 3-removed radio misfunctioning	3.5	7.5
•	✓	1789	30.5	♀	SAD	Imp, nullip.	7,15	7,15		5,14	5,16	6,15	030 2-radio-collard, 30.0g Ch 4, 4-remove radio	4	8
• 1349	✓	030	48.5	♀	M	Imp, post-l	5,14	5,16		4,13	5,14	7,16	2-radio-collared ch. 12 4-radio removed, 48.0, dusted blue-green	3.2	7.6
•	✓	1364	42	♀	M	Imp, parous	5,13		5,13		5,12		1-teats swollen, not lact. or p-l 2-42.0g 3-dusted Golde Brown	3	5.67
•	✓	1788	37	♂	M	TND	4,18				5,9			2.5	6.5
•	✓	1790	40.0	♀	M	Imp, nullip.	5,11	5,10	4,9	5,11	5,11	4,9	3-38g.	2.67	3.1167
	✓	1795	36.5	♂	M	TND	4,10		6,18	4,10			4-37.0	2.67	3.33
•	✓	1792	36	♀	M	Imp, nullip	4,10	4,10	4,10	4,10	4,10	4,10	2-34.0g 4-32.0 3-32g.	2	3
1161	✓	0400	42	♂	M	TND	5,1	5,17						3	10
•	Ⓝ	2019 ~~2018~~	20.5	♀	Imm	Nulc.		6,14		5,14	5,14	5,14	2-radio-collared, ch. 18 4-radio removed	3.25	7
• 1155	✓	0110	44.0	♂	M	Scr		5,13			4,13		Blue-green in ears?	2.5	6
	✓	1798	40	♀	M	Imp, ~~parous~~ nullip			4,13		5,18	6,18		3	9.33
•	✓ Ⓝ	2032	34	♀	M	Imp, nullip			6,18	6,13		8,18	4-34.0	4.67	7
•	✓	1572	44.5	♀	M	Imp, par				6,18	6,16			4	10
• 1227	✓	0130	46.5	♂	M	Scr				4,9	4,9	5,11		2.33	2.67
		1588	36.5	♂	M	scrt.						9,18	- DK brn, adult unbanded in Sept	7	11
1264	J	not present in Feb 90													

16 wkd 1605

P. boylii – 03412

Dec 1 (PM) | Dec 2 (AM) | Dec 2 (PM) | Dec 3 (AM) | Dec 3 (PM) | Dec 4 (AM)

Spp.		No	Wt	Sex	Age	Brdg	Dec 1	2	3	4	5	6	Comments
P. boylii		03121	26	♀	M	Imp, preg?	4,18	4,18	4,18	4,18	4,18	4,18	
		03012	26	♂	M	TND close	4,18		4,18	4,14	4,17	4,17	4-22.5g
		02322	22.5	♂	M	TND	9,18	9,17	9,17	9,17	9,18	9,17	
		03100	25	♀	M	Imp, parous	7,9	7,11	7,11	7,11		7,9	
		03412	24.5	♀	M	Imp., parous	3,8	3,8	3,8	3,8	3,8	3,8	
		03442	21.5	♂	M	TND	3,11	3,11	3,11	3,11	3,11	3,11	
	Ⓦ	03412	15.0	♀	Imm	Imp, mullip	3,11	3,11	4,11	3,11		3,11	clipped wrong #, 4 – #changed to 3, 412
	Ⓝ	04012	22.0	♀	M	Imp null		4,18	4,18		6,18	6,18	
		02042	28.0	♂	M	TND (close)		5,18		4,14	4,17	5,17	4-26.5g
		01030	28.0	♂	M	TND (close)		5,8			4,8	4,8	
		00242	29.5	♀	M	Imp, parous		3,11		4,16	4,16	4,16	
		010											
		332	24.5	♀	M	imp., par.					5,8		
	Ⓝ	04022	22.5	♀	M	imp., mullip.						5,18	

Eeee

Kasting, Resurrection, Monterey Co., Calif

GMD22C: P. boylii

R. Iverson, D.O.
1984

Journal-Grid Data

Perognathus - 04040
R. meg - 03430
Microtus - 03010
P. manic - 01420

Tibbs, D.D.
1969

Journal - Grid Data

Hastings Natural History Reservation, Monterey Co., Calif.

Grid 20: Misc species

Spp	nb	wt	Sex	Age	Bldg	Dec 1	1 (Pm)	2 (Am)	2 (Pm)	3 (Am)	3 (Pm)	4 (Am)	Comments
Perognathus	03400	24	♂	M	TND		5,18	5,18	5,18		4,18		3402 1 scab behind rt. ear
	02010	26	♂	M	TND		8,15	8,15			8,15	8,15	
	03220	25	♂	M	TND		6,15	7,15	1,15	6,14	7,15	6,15	
	03420	22.5	♂	M	TND		8,13	~~4,17~~ 7,13	7,13	7,13	7,13	7,13	~~2 3420 ? two?~~
Ⓝ	04040	22	♂	M	TND		8,12		8,12		7,12		
	02400	28.5	♂	M	TND		6,11	6,11	6,11	6,11	6,11	6,11	
	03230	20.5	♀	M	Imp, parous		4,12	4,12	4,12	4,12	4,12	4,12	
	03000	25.5	♂	M	TND			9,18			9,18	9,18	
	03420		~~♂~~	~~M~~	~~TND~~			4,17					03420 II
Ⓝ	4100	19.5	♂	M	TND			7,10				7,11	
	02100	21.0	♀	M	Imp, parous			4,9	4,8	4,8		4,8	
	02420	20	♀	M	imp, nullip				4,16		5,17	4,17	
	03340	20	♂	M	TND					8,18		8,18	
	03000		♀	M	imp, par.						5,8		
Ⓝ	4110	21	♀	M	imp, nullip.						4,11		
Sorex	0100	6	♂	M	scrt							4,13	
Sorex	1040							4,16					mortality cat. # 1040
Sorex	1042									5,17			mortality Cat # 1044

Kibble, D.O.
1984

Hastings Reservation, Monterey Co., Calif.

Journal - Field Data

GRID EC: Nedona

SPP Nedona ↓	No	Wt	Sex	Age	Birds	Dec 1 (Pm)	Dec 2 (Am)	Dec 2 (Pm)	Dec 3 (Am)	Dec 3 (Pm)	Dec 4 (Am)	Comments
						Dec 1	2	3	4	5	6	
	1493	285	♂	M	Scr		6-17 5/116					
	1796	250	♀	M	Imp, par.		6,18					
	1630	245	♂	M	TND	8,17					6,17	left overnight #1
	2021	220	♀	M	Imp, par.		4/15	4,15		4,15		left overnight, not new, PET ripped out. 5-left. overnight
	1655	315	♂	M	Scr.				4,15			
	1492	260	♂	M	Scr			7,17				left overnight
	1647	240	♀	M	Imp, par				4,14	4,15		left overnight (#5)
	1767	240	♀	M	Imp, par.				4,13		4,13	6, 230 g
	1580	245	♂	M	Scr				7,13			
	1259	250	♀	M	Imp, par.				5,10		6,10	
	1495	245	♂	M	Ind.					7,17		left overnight (#5)
	1390	315	♂	M	Scrt.						4,13	
		~~280~~									~~4,13~~	

GRID MC: P. californicus ONLY

Spp.	No	Wt	Sex	Age	Body	Dec	Jan 4 (Pm) 1	Jan 5 (Am) 2	Jan 5 (Pm) 3	Jan 6 (Am) 4	Jan 6 (Pm) 5	Jan 7 (Am) 6	Jan 7 (Pm) 7	Jan 8 (Am) 8	Jan 8 (Pm) 9	Jan 9 (Am) 10	Comments
P. californicus	0100	46	♀	M	up, lactating		8,4	7,4	7,4					7,4	7,4	7,4	1-Dusted RED 8-Redusted, 44g.
	020	45	♀	M	pregnant		10,4	11,5									1-Dusted PURPLE
(N)	1462	29	♀	SAD	up, mullip		11,15					11,16	11,16			10,15	1-returned to lab
(010)	1111	36.5	♂	M	Scrotal		9,13		9,9			9,9		9,9	9,7		3-Covered with ORANGE
	1206	38	♂	M	scrotal			7,4				8,5		8,4		8,4	2-covered with visible RED 6: cold tail tip
	1331	35	♂	M	scrotal (barely)			8,4				10,15	10,15				
(030)	1212	42	♂	M	scrotal			9,4								11,5	2-covered w/visible PURPLE
(N)	1464	35	♂	SM	scrotal			11,16	11,17	11,16		9,5	9,6	11,16		11,15	2-returned to lab 7-No powder
	1460	37	♀	M	perf vag, mullip			9,17	9,18	9,18	8,17			9,17		8,17	3-Dusted GREEN 8-Redusted 5-perf
	1351	35	♀	M	up, lactating			9,13	9,10	9,9		9,8		9,12		9,9	1-Dusted ORANGE 6-Redusted 8-last 10-last
	040		♂	M	Scrotal			8,17									
	040	36	♂	M	scrotal			8,17	9,17	10,17		9,17		10,17	8,17		9-Covered w/GREEN powder
(N)	1466	30	♀	SAD	up, mullip					11,5			11,5		11,5		4-Returned to lab. Covered with PURPLE. Ear-tag bleeding some.
(N)	1467	11.5	♀	Juv	up, mullip										10,9		9-Covered w/ ORANGE. returned to lab.

Center of Act (-4,-3)

Trapping Conservation, Monterey Co., Calif.

CURRENT D.

1984

Journal - GRID DATA

3.16, 1
6.5, 1.5
6.75, 12.5
5, 6.4
3.75, 1.25
5.3, 6.66
6, 1.5
6.4286, 10
4.66, 14.33
5, 7.1666
8
5, 14
7, 2
6, 6

New - 0321

Lobsang Rosenthal, Monterey Co., Calif.
1989
Jan 1 - Jan 10
GRID MC: P. boylii only

SPP	NO	WT	SEX	AGE	BODY	Occ 1	Jan 4 (Pm)	Jan 5 (Am)	Jan 5 (Pm)	Jan 6 (Am)	Jan 6 (Pm)	Jan 7 (Am)	Jan 7 (Pm)	Jan 8 (Am)	Jan 8 (Pm)	Jan 9 (Am)	Jan 10 (Am)	Comments
P. boylii	01200	23	♀	M	up, post-lact		7,4											
↓	02030	20.5	♂	M	TWD (close)		9,5	8,5	7,8	9,5						9,5		3-same hap as 03130
	01040	21	♂	M	TWD scrotal		9,9	9,9	8,9			5,10						
	04310	22	♀	M	up, post-lact		6,14	11,15										
	01000	23	♀	M	up, p-l		5,8	5,10				6,9						
	03300	23	♂	M	scrotal			6,5										
N	0121	19	♂	EM	TWD			10,12		10,11			10,11				10,11	
	02300	24	♂	M	scrotal			10,17	11,18				10,17					
N	0131	20	♀	M	up, multip			11,18									11,18	
N	0141	15	♀	Im	up, multip			5,8				7,9		5,8				
	03130	18.5	♀	M	up, parous	multip			7,8	9,8	9,8	8,8					8,8	
	04240	22	♀	M	up, post-lact				7,16			9,15				9,13	10,14	
	02100	23	♂	M	TWD (close)					10,14	9,13					10,14	10,15	
	04220	19	♀	M	up, parous					8,13		8,14						
	03140	21.5	♀	M	up, parous					7,16								
(N)	0221	15	♂	Im	TWD					5,16							5,5	
	04300	22	♀	M	up, parous						6,14							
N	0231	24	♂	M	scrotal							7,16						
N	0241	14.5	♂	Im	TWD							5,12						
N	0301	17.5	♀	M	up, multip									11,5				
N	0311	17.5	♂	Im	TWD									6,14				
N	0321	23	♂	M	scrotal											11,18		
	01230	22	♀	M	up, multip											5,10		
N	0331	18	♀	M	up, multip												9,5	

Ptrue - 03230
Pero - 01400 02000
Pmaric - 0230
Rmig - 0150 Microtus - 0110

Lisbie, D.O
1989

Jan 2 Mus

Hastings Reservation, Monterey Co., Calif

GRID MO: Mise Spp.

GRID MO - Animal - Grid Data

Spp	ala	wt	sex	Age	Bodg	Occ 1 Jan 4 (Sun)	2 Jan 5 (Mon)	3 Jan 5 (Mon)	4 Jan 6 (Tue)	5 Jan 6 (Tue)	6 Jan 7 (Wed)	7 Jan 7 (Wed)	8 Jan 8 (Thu)	9 Jan 8 (Thu)	10 Jan 9 (Fri)	Comments
P. truei	03210	18	♀	SAD	up, multip	10,16	10,16	10,16	10,16		9,16	9,17	9,16	10,16	10,16	
↓	0430	23	♂	M	TWD (close)	10,12		10,10	10,15		10,12		10,11	10,11	10,10	
	03200	20.5	♀	M	up, multip	10,14	10,14	9,14	10,14	11,16	11,16	10,11 (9,12)	9,15	10,14	10,14	7-caught twice?!
	0410	23.5	♂	M	TWD		10,7				10,7		10,6	10,6		
	03100	21	♂	M	TWD		10,10	10,7	10,10		10,10	10,5	9,7	10,10	10,6	do 3110 ?
	03220	21	♂	M	TWD				10,5						10,5	
	(10) 03230	19	♂	M	TWD										10,4	
Perognathus	0040	22	♂	M	TWD	8,17	9,17	8,17	8,16	8,17	8,17	8,17	8,17	8,17	8,17	
	0240	22	♀	M	up, pouch		9,4									
	02000	20	♂	M	TWD		6,12				6,12			6,12		
	0230	21	♂	M	TWD										7,9	
	1442	200	♂	M	scrotal				6,12							
N. fuscipes	1350	250	♂	M	scrotal	7,4										
	1348	160	♀	M	up, multip		9,18						9,18		9,18	
	(N) 1465	235	♂	M	TWD			9,4					10,4		10,4	
P. maniculatus	0200		♂	SAD	TWD		6,14	9,15								
	(W) 0210	16	♂	M	TWD (close)				11,15							

Libbie, D.O.
1999
Journal - Grid Data

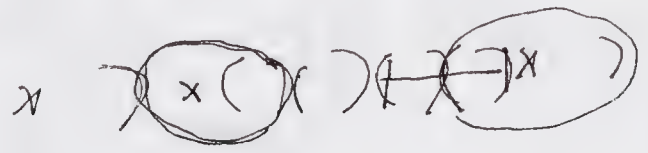
Hastings Restoration, Wellsley Co, Calif

Grid W/C - P. californicus Study

C of A (-4, -3)

4, 1
7, 12.4
5.33, 14.33
5.16, 8.5
5.33, 8.16
5.4, 6
4.5, 14.16
6.6, 1-6
5.33, 7
3-66, 1
3.5, 1
6.5, 8
5, 7

Spp	No	Wt	Sex	Age	Body	Occ	Jan 23 (Pm) 1	Jan 24 (Am) 2	Jan 24 (Pm) 3	Jan 25 (Am) 4	Jan 25 (Pm) 5	Jan 26 (Am) 6	Jan 26 (Pm) 7	Jan 27 (Am) 8	Jan 27 (Pm) 9	Jan 28 (Am) 10	Comments
P. californicus (W)	1480	22	♂	Imm	TWD		8,4						8,4				1-returned to lab. No sign of powder. 7-Covered w/ RED!
	1464	39	♂	M	scrotal		11,16				11,16		11,15	11,15	11,15		5-covered with visible ORANGE powder. 7-dusted
	1460	42.5	♀	M	pap, nulliP?		10,17		9,18	9,17	9,17	9,18	10,17				1-dusted GREEN see top sheet. 5-redusted
	1467	16	♀	Imm	nip, nulliP		9,12	9,13	9,12		9,13			10,9	9,10		4-unpregnant 2-covered w/ visible ORANGE 3-covered! 5-dusted
	1351	39	♀	M	post-lact nip, parous		9,10	10,14				9,10	10,12	9,9	9,12		1-dusted ORANGE, no milk 6-redusted, milk from 1 teat
	1481	165	♀	Imm	nip, nulliP		9,9				10,9	9,9	10,9			9,9	1-returned to lab. No sign of powder-10-9,9 5-ORANGE - mouth, feet
	040	39	♂	M	scrotal		8,17	8,17	8,17		9,18	9,17	9,17				2-covered w/visible GREEN powder 3-Confirmed 6-fresh powder 7-fresh
	020	41.5	♀	M	lactating		10,14	10,4		11,5	11,5			10,4	11,5		2-dusted PURPLE 4-redusted 8-redusted
	111	37.5	♂	M	scrotal			10,14		9,8			9,8				4-covered w/ visible ORANGE powder 7-fresh
	0100	42.5	♀	M	nip, post-lact				8,4		7,4		8,4				3-dusted RED. 5-redusted
	1206	39	♂	M	scrotal						8,4			7,4			5 covered w/ RED powder.
	146	31.5	♀	Subad	nip, nulliP				Cat #940					10,15	11,15		9-covered w/ fresh PURPLE
	142	38	♂	M	scrotal										9,10		10-found dead below 11/5 (see journal) 10-covered w/ visible purple



P.trueii - 0330
Perognathus - 0400 0600
P.maniculatus - 0230
P.sp. - 0130

Spp	No	Wt	Sex	Age	Brdg	Occ	Jan 23(Pm) 1	Jan 24(Am) 2	Jan 24(Pm) 3	Jan 25(Am) 4	Jan 25(Pm) 5	Jan 26(Am) 6	Jan 26(Pm) 7	Jan 27(Am) 8	Jan 27(Pm) 9	Jan 28(Am) 10	Comments
P.trueii	03210	18.5	♀	SAM	unp, nulliP		9,7	10,16	10,16		9,16	9,7	10,16	10,16	10,16	9,16	
P.trueii	0331	18	♀	SAM	unp, nulliP		9,4				10,5	10,4	9,5	9,5	9,4		mis id before ?? NO!! ea = 27 wf = 22 YES
	0410	23.5	♂	M	TWD		10,16		10,7		10,7			10,16	11,5	10,16	
	03200	20	♀	M	unp, paroul (R)		11,15	10,15	9,12	9,13	10,14	10,14	9,12	9,12	9,10	10,10	5-caught again at 9,12
	03220	20	♂	M	TWD			9,4				9,4	9,4		9,4		
	03110	22	♂	M	TWD			10,7		10,10	10,16	9,16	10,7	10,7	10,7	9,16	10-9,16
trueii	03410	23.5	♂	M	TWD				9,13			9,13	10,10	9,12	10,10	10,10	
P.[illegible]	0301	19	♀	SAM	unp, nulliP					10,16	10,16	10,16		11,5	10,16	10,16	mis id before ?? Maybe same as 0331 NO!! P.boylii - YES! trueii
P.trueii (N)	03300	25.5	♀	M	unp, nulliP						9,4						
Perognathus	01040	23	♂	M	TWD		8,17	8,17	8,17	8,17	8,17		8,17	8,17	8,17	8,17	10-21.5g
	02000	21	♂	M	TWD		5,12	5,12	6,12				6,12				
P.trueii	03230	20	♂	M	TWD										10,4		
P.maniculatus	0200	14.5	♂	SAD	TWD							7,12					

Lasting Reservation, Monterey Co., Calif.
Grid Mc - Misc. Spp.

Lobue, D.O.
1989

Lobue Mc - Grid Dan

Libbie, D.D. 1989

Journal - Grid Data

Nest 0421

Hosking Reservation, Monterey Co., Calif.

Grid MC - P. boylii only

Spp.	No	Wt	Sex	Age	Body	Occ	1 Jan 23 (Thu)	2 Jan 24 (Fri)	3 Jan 24 (Fri)	4 Jan 25 (Sat)	5 Jan 25 (Sat)	6 Jan 26 (Sun)	7 Jan 26 (Sun)	8 Jan 27 (Mon)	9 Jan 27 (Mon)	10 Jan 28 (Tue)	Comments
P. boylii	(N) 0341	17	♂	2 SAD	TWD		5,7								5,5		
✓	02030	21.5	♂	m	scrotal		7,5		8,4						9,5	9,5	
	0230	24	♂	M	scrotal		11,18		10,17		11,18				10,17	10,18	
	01210	24	♀	M	enp, parous, nullip		11,18	11,18		11,16	10,17		11,18	11,18			
	(N) 0401	16.5	♂	lm	TWD		9,16	11,15		11,15	10,15		10,15	10,15	10,15	10,15	
	04220	19	♀	M	enp, parous		8,15	10,11				9,12		10,11		10,11	H. front foot mangled.
	04240	22	♀	M	enp, parous, nullip		8,16	9,14		10,14			9,13	10,14	9,13	10,14	
	0231	22	♂	m	TWD		7,16										
	04310	22	♀	M	enp, nullip		6,14		6,14					6,14	6,14		
	0311	17	♂	ESAD	TWD		5,14										
	0141	15	♀	ESAD	enp, nullip		6,9		5,8	5,8	5,8		5,8	5,8	5,8	5,8	
	0121	17	♂	EM	TWD			10,11			10,11			10,11	10,11		2 - caught in same trap as 0141
	(N) 0411	15.5	♂	lm	TWD			10,11				10,11	10,11		10,11	10,11	2 - " " " " as 0121
	02100	22.5	♂	M	TWD			9,13		10,14			10,14		10,14	9,13	
	0241	16	♂	lm	TWD			6,12			5,12		5,12		5,12		5 - ? able location.
	0321	23	♂	M	scrotal				11,18			11,18			11,18	11,18	
	01040	21	♂	M	scrotal				9,9		9,9						
	03140	21	♀	M	enp, parous					8,17	8,17	8,17	7,16			8,17	
	0111	19	♂	EM	TWD						11,15	11,15	11,15				
	01200	24.5	♀	M	enp, parous							7,4	7,4				
	03130	18	♀	EM	enp, nullip							7,7					
	01000	22.5	♀	M	enp, parous								5,8		5,8		
	0330	21	♂	M	scrotal										7,4		
	0430	23	♂	M	scrotal										6,14		

Fieldwork: Mountain, Monterey Co., California
Grid Work: P. californicus only
Fieldwork: Mountain, Monterey Co., California
Grid Work: P. californicus only

Russell, D.O.
1988

Journal - Grid Data

Hastings Reservation, Monterey Co., Ca.

Grid #1: P. boylii only

Spp	No	Wt	Sex	Age	Body	Obs	Feb 21 (Fri) 1	Feb 22 (Sat) 2	Feb 23 (Sun) 3	Feb 24 (Mon) 4	Feb 25 (Tue) 5	Feb 26 (Wed) 6	Feb 27 (Thu) 7	Feb 28 (Fri) 8	9	10	Comments
P. boylii	01200	22.5	♀	M	lap, parous		7,4		7,4		7,4	7,4	[illegible]	7,4			
	02030	22	♂	M	scrotal		8,4	9,4	9,4	9,4	8,4	8,5	8,5	9,5			
	01210	24	♀	M	lap, nullip		11,16	11,16	11,16	11,16		11,18	10,17	10,17			
	0230	24	♂	M	scrotal		11,18				10,17		11,17				
	0241	15.5	♂	SAD	TWD		6,12			8,12	7,13	8,12		8,12			
	01000	20.5	♀	M	lap, parous		5,8				5,8	5,8					
	0141	14.5	♀	SAD	lap, nullip		5,8			5,8	5,8	6,8	5,8	5,8			
	0330	22	♂	M	scrotal			7,4		7,4		7,4	7,4				
	0221	16	♂	SAD	TWD			7,4					9,16	8,5			
	0331	47.5	♀														
	04220	19.5	♀	M	lap, parous		10,11		8,12				10,12	10,12			4 - left front foot caught in trap - swollen.
	0111	19.5	♂	EM	TWD		11,15										
	0121	18.5	♂	EM	TWD		9,12		10,12	10,11	9,12	10,11	10,11				
	0341	17	♂	EM	TWD			5,5		5,5	5,5	5,5					
	02100	22	♂	M	TWD			9,15				8,14					
	01040	20	♂	M	scrotal			5,8						7,7			
	04240	21	♀	M	lap, nullip				12,14	9,15	9,15	8,15		9,15			
	0401	16.5	♂	Late SAD	TWD					10,16	10,16	10,16	10,16	10,16			
	0311	17.5	♂	SAD	TWD					6,14							
	03140	21.5	♀	M	lap, parous							7,16	7,16				
	01230	21.5	♀	M	lap, nullip?)							6,12					
	03130	17.5	♀	EM	lap, nullip									8,7			
	0231	22.5	♂	M	scrotal									8,17			

Riesel, D.O.
1984

Journal - Grid Data

Washington Resources, Wilderness Co., Calif

Grid MC: Mixed species

Spp	No	Wt	Sex	Age	Breed	Dec	Feb 21 (Am) 1	Feb 22 (Am) 2	Feb 22 (Pm) 3	Feb 23 (Am) 4	Feb 24 (Am) 5	Feb 25 (Am) 6	Feb 25 (Pm) 7	Feb 26 (Am) 8	9	10	Comments
P. hueyi	03220	20.5	♂	M	TWD		11,5		10,5		11,5			11,5			1-caught by tail in door
	03110	22.5	♂	M	scrotal		10,16	10,7		10,6	10,6	10,7	10,10	9 10,6			
	03410	24.5	♂	M	scrotal		10,10	10,15			9,12	10,10		10,15			
	03200	20	♀	M	up, mullup		10,12	10,12	9,12	9,12	11,16	9,13	10,15	10,14			7-10,14
	0331	17.5	♀	SM	up, mullup			11,5		11,5	10,5	10,4	10,4	10,5			2-purple powder on ears
	03210	18	♀	SM	up, mullup			10,6	10,6	9,6	10,7	9,7	10,6	10,7			
(N)	03320	18.5	♂	SM	TWD			11,18	11,18	11,18	11,18	11,18	11,19	11,18			
	0410	23.5	♂	M	scrotal				10,6		10,6						
	03310	19.5	♂	M	TWD							11,5	11,5				
(W)	03330	23	♂	M	scrotal								10,7				
Peroguathus	01040	23	♂	M	scrotal		8,17	8,17	8,17	8,17	8,17	8,17					
	0230	20.5	♂	M	scrotal				7,7			7,10					
N. fuscipes	775	24.5	♀	M	up, spurious				9,17				9,17				OLD ANIMAL!
	1348	16.5	♀	M	up, mullup						11,18			9,18			

Liebler, D.O.
1989

Journal - GRID Data

Hastings Reservation, Monterey Co., Calif.

GRID MC - P. californicus early

Spp	No	Let	Sex	Age	Body	Dec 1 (Fri)	2 (Sat)	3 (Sun)	4 (Mon)	5 (Tue)	6 (Wed)	7 (Thu)	8	9	10	Comments
						March 12 (Pm)	March 13 (Am)	March 13 (Pm)	March 14 (Am)	March 15 (Am)	March 16 (Am)	March 17 (Pm)				
P. californicus	1497	34	♀	SAD	wp, nulip	8,15	8,14	10,14	8,15	10,15	9,15	11,11c				3-no powder
↓ "N"	1509	20.5	♀	Im	nulip	8,17			8,18		10,17*	10,17*				1-Green visible in ears 4-Green all over
	0100	46.5	♂	M	wp, lact		8,4				8,4	8,4				1-Red shell visible, preg? 6-def lactating - Reddished Red.
	1496	27	♀	SAD	wp, nulip		11,5			10,16*	10,16*	11,4				2-Purple visible in ears, tail, feet 5-wb
	1481	28	♀	late SAD	def, nulip		10,9			8,7		10,9				2-Orange visible in ears??
	1460	42.5	♂	M	wp, A-1. preg?		9,18	8,17	9,17		9,17	8,17				2-Dusted (GREEN) 6-lact, 41.5g 7-lact 41g, Dusted (GREEN)
	040	41	♂	M	Scrotal		9,17		10,17	10,17	8,17	9,17				4-Green visible ears, penis
	1351	40	♀	M	lact		9,8		10,11	9,10	9,13	9,12				2-Dusted ORANGE 5-reddusted
	"N" 1508	29	♂	Im	TWD			11,5	9,7	9,4*						3-purple visible in ears, mouth
	"N" 1510	19.5	♀	Im	nulip			9,17	9,17		9,17*	9,17*				3-covered w/ fresh GREEN
	1111	36	♂	M	scrotal			9,13	9,10		9,10	9,10				3-covered w/ fresh ORANGE
	1206	38.5	♂	M	scrotal				7,4							4-RED visible in ears, tail
	1480	32	♂	M	scrotal				9,6	9,6	9,7	9,6				4-PURPLE visible in ears - Double Check!! 5-RED in ear old.
	1467	29	♀	SAD	nulip				9,13	9,12*	9,12					4-Orange visible all over
	1464	40	♂	M	scrotal					9,17	11,11c	9,14				5-caught in 0545h - NO POWDER
	1212	43	♂	M	scrotal					11,4						5-caught ~0500h
	1481	24	♀	SAD	nulip						9,16*					6-very faint orange in ears/mouth 6-caught again at 10,9

New - 01021

Lubbs, D.D. 1989

Journal - GZD Data

Nesting Observation, Monterey Co., Calif.

GZDMC - P. boylii only

Spp.	No	wt	Sex	Age	Body	Occ 1 (March 12 (Sun))	2 (March 13 (Mon))	3 (March 13 (Mon))	4 (March 14 (Tue))	5 (March 15 (Wed))	6 (March 16 (Thu))	7 (March 17 (Fri))	8	9	10	Comments
P. boylii	01200	24	♀	M	up, nulip?		7,4	7,4			7,4					
↓	0401	18.5	♂	SM	TWD		11,16	10,16	9,16	9,16	10,16	9,16				
	0230	24	♂	M	scrotal		11,18	10,17								
	02100	23	♂	M	scrotal		8,12		9,12	7,13		7,12	10,11			
	0341	19.5	♂	SAD	TWD		~~7,7~~	7,7			7,7	6,8	7,7			
	03130	19	♀	M	Def. ~~lip~~, parous			8,5	8,4	8,4	8,5	9,5	9,5			
(W)	01011	20	♀	M	up, nulip			9,4		9,4	8,4	8,5	8,4			
	01240	20	♀	M	pregnant			11,16	10,17	10,17	11,18	11,18	11,18			
	0431	21	♀	M	up, nulip			11,17								
	0321	26	♂	M	scrotal			11,18	11,18	11,18		11,18	11,18			
	0111	21.5	♂	M	scrotal (barely)			9,17	8,17	11,15		10,17				
	01230	22.5	♀	M	up, nulip			6,12		5,10	6,11					
	0241	19	♂	SAD	TWD			5,12								
	02030	24	♂	M	scrotal				9,4	9,5	8,4	8,4				
	04240	22	♀	M	up, nulip?				10,14	9,14	8,14	10,14	10,14			
	0121	19.5	♂	SM	scrotal				9,10	7,9						
	04380	23	♀	M	up, parous				8,14		6,14	6,14				
	03140	22.5	♀	M	Def. nulip, parous					8,17	8,17					
	01040	22	♂	M	scrotal					5,8		6,8				
	0141	17.5	♀	SAD	nulip					6,8	7,9	7,9	7,9			
	04220	20	♀	M	up, nulip						10,11					
	0231	23.5	♂	M	scrotal						8,16					
	0430	23.5	♂	M	scrotal						6 8,14		6,14			
	02130											11,15				

Count on museum specs

P.true - 03400

Pelag - 01400
P.maric - 0300
R.meg - 0200

Spp.	No	wt	Sex	Age	Body	Dec 1	2	3	4	5	6	7	8	9	10	Comments
						March 12 (Pm)	March 13 (Am)	March 13 (Pm)	March 14 (Am)	March 15 (Am)	March 16 (Am)	March 17 (Am)				
P. true	03220	22.5	♂	M	scrotal	10,5	10,5	11,5	10,4	10,5	11,4	10,4				
	0321.0	20	♀	M	up, mullip	10,6				9,9	10,7	10,6				
	04 3/410	25.5	♂	M	scrotal	10,10	11,15	11,15	10,10	10,11	11,15	10,10				
	03200	21	♀	M	Def up, mullip	11,15	10,14	10,12	10,14		10,13	11,15				
	0331	19	♀	SM	up, mullip		10,4	10,4	10,5	11,4	11,4	11,5				
	03110	23	♂	M	scrotal		10,10	10,10	9,8	10,6	10,7	10,7				
	0410	25	♂	M	scrotal			10,5	10,4		11,6					
(N)	03340	17	♀	SAD	up, mullip				11,5	11,5						
	03330	23.5	♂	M	TND				11,5	11,5	11,5					
Pboylii	01000	22.5	♀	M	perf, mullip?							5,8				
Peromyscus	01040	24.5	♂	M	scrotal	8,17	8,17		8,17			8,17				
	02000	19.5	♂	M	scrotal		7,13	6,12	6,12	6,12	6,12	6,12				
	0230	23	♂	M	scrotal			7,9								
N. fuscipes	775	230	♀	M	up, parous		11,16			9,19						
	1443	180	♀	M	up, parous					5,14						
	1243	24.5	♂	M	Scrotal						10,16					

Hasbrig Reservation, Monterey Co., Calif
Grid MC: Misc Spp

Lidicker, W.D.
1959

Journal - Grid Data

PCMLRE-DAT

C of A (-4, -3)

SPP		d/o	Wt	Sex	Age	Rdsg	Occ	April 9 (Thu) 1	April 10 (Fri) 2	April 10 (Fri) 3	April 11 (Sat) 4	April 11 (Sat) 5	April 12 (Sun) 6	April 12 (Sun) 7	April 13 (Mon) 8	April 13 (Mon) 9	April 14 (Tue) 10	Comments
P. californicus		1206	38	♂	m	scrotal	✓				7,4				8,4		8,4	4-Red visible in ears 8-Red visible all over
(unsexed)	(lost)	020	41.5	♀	M	IMP, LAC		11,4	11,5			11,4	10,6		10,6	11,5		1- Removed collar and dusted purple 6-46.5g, Redusted
		1212	38.0	♂	M	SCROTAL	✓	10,6	11,6			9,4			9,4			1- Removed collar, cover w/ Purple
		1464	39.5	♂	M	SCROTAL	✓	11,16		8,14	8,14		11,15	11,15	8,15		11,15	
		1480	32.5	♂	EM	TND	✓		8,5	7,7	8,6	9,7	8,6	9,6	9,6		9,7	5-no powder
		1111	38.5	♂	M	SCROTAL	✓		9,6		9,10		9,6		9,13		9,10	2 - ORANGE VISIBLE IN EARS 8 - " " "
12710	(unsexed)	0100	43.5	♀	M	IMP, LAC	✓		9,4		8,5	7,4	8,5	8,4	8,5		8,5	2 - SPERM PLUG - FRESH, DUSTED RED 6 - 42g, redusted. Teats swollen no milk
		1351	40.5	♀	M	IMP, LAC	✓		9,10		9,13	9,10	9,10	10,9	9,10		9,13	2 - DUSTED ORANGE 9,10 5 - 37.5g, no milk, semi perf - Dusted ORANGE
			~~30.5~~	~~♀~~	~~EM~~													
	(N)	1533	23.5	♀	lm	nullip	✓				9,4				11,4			4-returned to lab 8-no visible powder
13613	(lost)	040	36.5	♂	m	scrotal	✓				10,17		9,17					4-removed radio-collar 6-Green visible in ears
		1460	47	♀	M	up, lactating	✓				10,17	9,17	9,17	10,17				4-dusted GREEN. No radio-Collar!! no milk, redusted 6-43g, Perf ?? 7-44g,
		1497	36.5	♀	M	up, nullip	✓				8,15		8,15		11,15		11,16	4-dusted BLUE-GREEN 6-perf?
	N!!	1531	28	♀	ESAD	up, nullip	✓					9,17	9,7		9,7	9,7	9,6	5-no powder Dispersing!!
	N	15316	18	♀	lm	nullip								9,10		9,10		7-covered in ORANGE-returned to lab.

LEGEND: C - P. californicus only
L - P. californicus / P. californicus hybrids
Reservation, Monterey Co., Calif.

RUSRLD, D.O. 1984

3.66, 1	
8-def. lact. 6.66, 2	
5.75, 2	
5.714, 11.86	
4.375, 3.25	
5, 6	
10-42g, lact. 4, 1.57	
10-38g lact	5.14, 7.71
6, 1	
5.5, 14	
5.25, 14	
5.5, 12.25	
5, 5.8	
5, 7	

Dubbo, D.O.
1969

Lauzanal

Hastings Reservation, Monterey Co., Calif.

GRID MC - P. boylii only - GRID DATA

SPP	NO	WT	SEX	AGE	BODY	Occ	April 9 (PM)	April 10 (AM)	April 10 (PM)	April 11 (AM)	April 11 (PM)	April 12 (AM)	April 12 (PM)	April 13 (AM)	April 13 (PM)	April 14 (AM)	COMMENTS
P. boylii	0341	21.5	♂	SM	SCROTAL					7,7	5,8	7,5		6,8		6,9	
	0120	31.0	♀	M	IMP, ~~PREG~~ LACTATING		11,18	10,17	11,18	11,18	11,18	11,18	11,18	10,17		11,18	6 - 26g, lactating
	0200	29.5	♀	M	IMP, PREG		♀, ♀	7.4	7,4			7,4					3 - 24g, pregnant? 6 - 27g, lactating!
	02030	24.5	♂	M	SCROTAL			9,5	9,5	9,5	9,5	9,5	7,5	8,4			
	0230	24.0	♂	M	SCROTAL			11,18						10,17		10,17	same as 0231 below?? NO! see 0231
	04220	22.0	♀	M	PERF?, NULLI			8,13		9,12	9,12	9,12	9,12			8,14	
	02100	23.0	♂	M	SCROTAL			8,13	9,12					9,12		9,12	
(N)	01031	20.5	♀	LSAD	IMP, NULLI			8,18		8,18	9,18	9,18					
	03140	23.0	♀	M	IMP, PAROUS			8,18	8,17	8,16		8,18		8,18		8,17	
	04300	24.0	♀	M	IMP, LAC			5,14						5,14		6,14	
Count on Misc page	0241	21.0	♂	M	SCROTAL			5,12		5,14							
	01040	23,5	♂	M	SCROTAL			5,10	5,8	6,12		5,10	5,8	5,10		6,12	
	03130	28	♀	M	IMP, PREG					9,5		9,5					
	03210	24.5	♀	M	IMP, PREG					10,7							
	01021	18	♀	SM	IMP, NULLIP					11,18			11,18	11,18			
	0231	24.5	♂	M	SCROTAL					9, 15				9,18		9,18	
	0121	20.5	♂	M	SCROTAL					9,9		9,9		9,9		9,9	
	01230	24	♀~~♂~~	M	IMP, NULLIP ~~SCROTAL~~					5,10				6,14		5,13	
	01000	24	♀	M	IMP, LACT					6,9	6,8			5,8		5,8	
	01220	29	♀	M	IMP, LACT					5,5							number??
	04240	22.5	♀	M	LACT, IMP						10,14	10,14	10,14	10,14		10,14	
(N)	01041	22	♀	M	IMP, PAROUS							10,10				7,4	
	0330	23.5	♂	M	SCROTAL									7,5			
	0321	24	♂	M	SCROTAL									11,18		11,18	

P. trurei – ~~03410~~ 03430
Pg – ~~02000 02010~~ 02030
P. maniculatus – 0300
R. megalotis – 0200

Hoskins Excursion, Monterey Co., Calif.
GRID WC: Mixed species
Lindsey, D.D.
1963
JOURNAL – GRID DATA

Spp	No	Wt	Sex	Age	Bodg	April 9 (Pm) Dec 1	April 10 (Am) 2	April 10 (Pm) 3	April 11 (Am) 4	April 11 (Pm) 5	April 12 (Am) 6	April 12 (Pm) 7	April 13 (Am) 8	April 13 (Pm) 9	April 14 (Am) 10	Comments
P. trurei	03220	22	♂	M	Scrotal				11,4		11,5	11,5	10,4		11,5	
	0331	21.0	♀	M	IMP, NULLI	11,5	11,5	11,4	11,5		10,4		11,5	11,5	10,4	
	03110	23.5	♂	M	SCROTAL	10,9		10,10		10,7	10,8	10,10	10,10		10,11	
	03200	28.0	♀	M	PERF PAROUS P-1	10,13	10,15	10,15	11,15		11,15	10,12	10,12		10,12	2 - 26.5 g; IMPERF.
	03300	28.5	♀	M	imp, lact				11,5							
	03410	23	♂	M	scrotal				10,10		10,10	11,15	10,12			
(N)	03420	16	♂	Im	TWD				10,15		10,12		11,17		8,13	
	0410	23.5	♂	M	scrotal					11,5					10,5	
	03210	22.5	♀	M	lact, sperm plug					10,8	10,7		10,7		10,8	
P. boylii (N)	01111	24.5	♂	M	scrotal										10,6	
P. boylii (N)	01121	22	♂	M	scrotal										6,9	
Peromyscus (N)	02030	24.5	♂	M	Scrotal										8,17	
Peromyscus	01330	25	♂	M	scrotal				10,11							
	02000	22.5	♂	M	SCROTAL	11,18	10,12		10,13	10,13	9,13		7,13		7,13	
	02402	21.0	♀	M	IMP PAROUS		8,4	8,4			8,4	9,4				
	02300	19.5	♀	M	IMP, NULLI		11,4	11,4		11,4	11,4	11,4	11,4	11,4	11,4	01220
	01320	21	♀	M	imp, parous				10,14		10,14	10,13	10,14		10,11	
	0230	23	♂	M	scrotal				7,9		7,7		10,11			
Peromyscus (N)	02020	16.5	♀	M	imp, nulli						5,5	5,5	5,5			
N. fuscipes (N)	1533	220	♀	M	imp, lactating				11,4		11,4	11,4		11,4		
	775	265	♀	M	imp, lact				8,17							

Kissle, D.O.
1989

Hastings Reservation, Monterey Co., Calif.
GRID WC: P. californicus only
GRID DATA

Spp	No	Wt	Sex	Age	Breeding	Occ	May 10 (PM) 1	2	May 11 (AM) 3	May 11 (PM) 4	May 12 (PM) 5	May 13 (AM) 6	May 13 (PM) 7	May 14 (AM) 8	May 14 (PM) 9	May 15 (AM) 10	Comments
P. californicus	030	39	♂	M	scrotal		9,4			11,4		10,6	10,6		11,4		4-covered w/ visible PURPLE
	1536	29	♀	SAD	nullip, imp		10,10	8,10	9,10	10,10	9,9		10,10	10,10	10,10	10,10	2-30g 3-faint ORANGE in ears?
	1497	42	♀	M	lact, imp		10,16	9,13	10,14	9,13	9,12	10,15	9,14	9,12	10,12	8,12	1-dusted BLUE-GREEN 6-38g, lact, DUSTED 8-lact
(W)	1567	25	♀	Im	nullip		10,17		10,17	9,17	9,18	9,17	9,17	9,17	10,17		1-returned to lab 3-Covered w/ GREEN
	040	39.5	♂	M	scrotal		9,16	9,16	8,17	9,17	9,17	9,18	8,17		8,17	10,17	3-covered w/ GREEN 10-fresh Green
	1464	41.5	♂	M	Scrotal		9,13					9,12	9,12	9,15	9,12		7-covered with BLUE-GREEN!
	1480	38	♂	M	scrotal		9,10	9,7	9,7	10,9	9,16	10,10	10,7	10,10	10,10	10,10	2-39g 7-Orange in Ears, mouth, feet, scrotum 6-clear SPOT of ORANGE between Eyes
	1351	40	♀	M	perf, parous		9,10	9,10		9,16		8,7				9,10	1-dusted ORANGE 6-37g 4-redusted 10-38.5g
	1206	39.5	♂	M	scrotal			8,4		7,4		8,4	8,4	8,5		8,4	10-red visible in ears
	020	46	♀	M	lact, preg			9,4		9,4	11,5			10,6	10,6	9,4	2-dusted Purple 5-40g-gave birth? Redusted 9-40g lact
(W)	1568	28	♂	Im	TWD			11,4	11,4	10,6		11,4	11,4	11,4		11,4	2-returned to lab 3-no powder 7-covered w/ fresh PURPLE
N	1569	31	♀	SAD	perf, nullip			10,12	10,11	8,12	8,12	10,11		8,12	9,11	9,12	2-returned to lab 3-no Powder
	1400	46.5	♀	M	lact			11,18		8,18	8,17-8,18				8,17	11,18	2-dusted GREEN 5-32.5g-gave birth! PINK 9-41.5g dusted 10-42.5g
	1554	29	♀	SAD	np, nullip						11,18	11,17	11,18	11,18	11,18	11,18	Conductor of
	0100	47.5	♀	M	perf, p-lact									7,4	8,4		8-dusted RED
(W)	1573	22.5	♂	Im	TWD										25.7.5		9-covered w/ RED, returned to lab
(W)	1574	32	♀	Im	nullip											10,16	10-covered w/ PURPLE, returned to lab

Webb - 01321

Kibbie, D.O.
1984

Mosby Reservation, Monterey Co., Calif.
GRID NO.: P. baylii area 4

Journal - GRID DATA

Spp	No	Wt	Sex	Age	Body	May 10 (Thu)	May 11 (Fri)	May 11 (Sat)	May 12 (Sat)	May 12 (Sun)	May 13 (Mon)	May 13 (Tue)	May 14 (Wed)	May 14 (Thu)	May 15 (Fri)	Comments
						Occ 1	2	3	4	5	6	7	8	9	10	
P. baylii	(N) 01221	11	♀	Im	multip	5,7			7,9			6,8			6,8	
	02030	23	♂	M	scrotal	7,4	7,4		9,5		8,4		8,4		8,5	
	03130	22.5	♀	M	lact, imp	8,4	7,4	8,4	8,4	8,4	7,7	8,4	8,4	8,4	8,4	
	(N) 01231	10.5	♂	Im	TWD	8,5										
	01210	30	♀	M	p-l, preg	11,18	11,18		10,17	10,17	10,17	10,18	10,18	11,17	11,17	2-32g 8-32.5g.
	02100	24	♂	M	scrotal	6,13	8,15		6,13		8,15		8,15	8,11	8,15	
	0430	24	♂	M	scrotal	6,14			6,14							
	(N) 01241	14	♀	Im	multip	5,8			5,9				5,8	6,6	6,8	
	(N) 01301	11.5	♀	Im	multip		8,5		7,5		8,5					
	03211	26	♂	M	scrotal		10,17		11,17		10,18				11,17	
	04010	26	♂	M	scrotal		7,16						7,16			
	01000	28	♀	M	p-lact, preg		6,9				7,10		5,10			
	01041	22	♀	M	lup, parous, p-l			7,4	7,4			7,4	7,4			
	(N) 01311	16	♂	Im	TWD				11,17			11,17	11,17			
	04300	22.5	♀	M	lact				5,14	6,14			6,14	6,14		
	01021	20	♀	M	lup, multip					11,19					10,19	
	01040	24	♂	M	scrotal								6,12		5,12	
	(N) 01321	16	♂	Im	TWD										6,13	? - forgot to write down. unsure on info

P-trui - 0210
P-mane - 0300
P-mag - 0200

Rabies, DO
1994

Journal - (grid Data

Baboon Reservation, Monkey (O. Calif

(grid unc: Misc Species

Spp.	no	wt	sex	typ	Body	Occ	May 10 (pm) 1	May 11 (am) 2	May 11 (pm) 3	May 12 (am) 4	May 12 (pm) 5	May 13 (am) 6	May 13 (pm) 7	May 14 (am) 8	May 14 (pm) 9	May 15 (am) 10	Comments
P. trui	0331	25	♀	M	up, parous P-1?		10,5	10,4	11,5	10,5	11,4	10,4	10,4	10,4	10,4	10,4	
	03220	25	♂	M	scrotal		10,5	10,5	10,5			10,5		10,5	10,5	10,5	
	0311O	25	♂	M	scrotal		10,7	9,8		9,8	10,10	9,8	10,10	10,7	10,7	10,8	
	043/410	25.5	♂	M	scrotal		10,15	10,10	10,15	10,10		10,10	11,15	10,15	10,14	10,15	
	0410	24	♂	M	scrotal						11,4					10,4	

Ribble, D.O.
1989

Hastings Reservation, Monterey Co., Calif.

Spring 1989: P. californicus only

Journal - Field Data

Spp.	No	Wt	Sex	Age	Breed	Dec 1	2	3	4	5	6	7	Comments
						June 4 (Thu)	June 5 (Fri)	June 6 (Sat)	June 7 (Sun)	June 8 (Mon)			
P. californicus	1351	39	♀	m	plact.	9,6	9,7		10,11	9,8			1- Dusted orange 5-36g, lact. 4- 38g. Redusted
↓	1497	37.5	♀	m	p-l-imp.	10,12	10,14	9,14	10,13	10,15			1- Dusted Blue green 5-34.5 3-37g 4-redusted.
	1554	28.5	♀	Sad	imp, null	11,16	9,16	11,17	11,18	10,17			3-left side of face scared 4-green on face from trap.
	040	39	♂	M	scrotal	10,17		11,18	10,17	8,17			3-covered with green
	1460	50.5	♀	M	preg.	9,18			8,17				1-Dusted green 4- 50.5g, preg, dusted.
N	1640	19	♀	Imm	null.	9,17			9,18	9,17			1-Returned to lab 5-Green in ears 4-9,18
	1480	37	♂	m	scrotal	9,8	10,10	10,11	10,10	9,6			
N	1642	20	♀	Imm	Null.	8,13		8,13	8,14	10,12			1-Returned to lab 5-Blue green in ears
	020	41	♀	m	lact		11,5		10,6	10,6			2-Dusted purple 5-lact. 4-39.5g, lact
	1569	34	♀	Sad	imp, null		10,12	8,12	10,12	10,11			
	1464	42	♂	m	scrotal		11,15	11,15	11,15	10,16			2-Blue-green visible in ears 3-Covered w/ fresh blue green
N	1644	21	♀	Imm	null		9,18			9,17			2-Returned to lab 5-Green in ears White tail tip
	1568	31	♂	Sad	TND			10,6					3-covered with purple
	1206	39	♂	M	scrotal				8,5	9,5			
	1568	31	♂	SAD	TND				10,4	10,6			4- Purple visible in ears. 5- Purple ears
W	1645	19	♀	Imm	multip				10,6				4- covered with PURPLE powder. Returned to lab.

Pfrui - 03430
Peragrothon - 02220

Zibbs, D.O.
1989

Lassen Conservation & Wildlife Mgmt. Co., Calif.

Journal - Grid Data

Grid MC: Misc Species

Spp	No	Wt	Sex	Age	Bldg	Dec	June 4 (Thu.) 1	June 5 (Fri) 2	June 5 (Pm) 3	June 6 (Sat) 4	June 7 (Sun) 5	6	7	8	9	10	Comments
P. frui	0331	22.5	♀	M	Imp, plact		11,5	10,4			10,4						
↓	043/10	25.5	♂	m	scrotal		10,13	10,11		10,15	10,13						
	03220	23.5	♂	m	scrotal			10,4		10,5	10,5						
	0410	25.5	♂	m	scrotal			10,5									
	03110	23	♂	m	scrotal			10,7	10,7	10,10	10,10						
Peragrothon	(N) 02210	15.5	♂	Imm	TND				11,18		10,18						
Peragrothon	02020	26.5	♀	M	preg.			6,6									
	(N) 02140	15	♂	Imm	TND			10,14									
	0230	24	♂	m	Scrotal			8,11									
	(N) 02200	20	♂	Em	TND			8,18		8,18	8,18						
N. fuscipes	1533	240	♀	m	lact.			8,4			8,4						
	1350	290	♂	M	Scrotal		11,4				11,4						1 - left in trap overnight
	(N) 1643	155	♂	Sad	TND			10,6		11,5	11,5						
	1575	155	♀	Sad	Imp, null			11,15									
	1348	200	♀	m	Imp, p-l		11,17			9,18							1 - left in trap overnight
	1571	200	♀	m	Imp, p-l			9,9	8,8								3 - overnight
	1529	190	♀	Em	Imp, null				9,6								
	1576	140	♂	Em	TND				9,10								3 - left overnight
	1213	280	♂	m	Scrotal						10,16						

New - 01431

Russ, D.O. 1989

January - 6210 Data

Washington Resources, Woodbury Co., Iowa

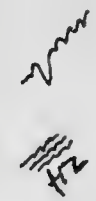
6210 MC: P. boylii

Spp.	No	wt	Sex	Age	Brdg	Occ	June 4 (pm) 1	June 5 (Am) 2	June 5 (pm) 3	June 6 (Am) 4	June 6 (pm) 5	6	7	Comments	Comments
P. boylii	01231	16	♂	E Sad	TND		9,5	9,4		9,4	9,4				
↓	(N) 01401	~~15.5~~ 15.5	♀	E Sad	Imp, null.		9,4								
	01210	26	♀	m	Imp, p-l		11,17	10,17	10,17	10,17	11,18				
	0100	26	♀	M	Imp ~~p-l~~ lact		6,8	6,9		5,10	5,12				5-lact
	03130	23	♀	m	Imp, par.			7,4		7,4	8,7				
	02030	23	♂	m	Scrotal			7,7			7,7				
	0321	24	♂	m	Scrotal			11,17		11,17	11,17				
	01311	18	♂	Sad	TND			11,18		11,18?					4-escaped, #?
	02100	24	♂	m	Scrotal			9,15		9,14	9,15				
	01221	14.5	♀	E Sad	Imp, null			7,10							
	01241	16.5	♀	E Sad	Imp null			5,7							
	01041	22.5	♀	m	Imp p-l				7,4						
	01021	21	♀	m	Imp, null				9,18	10,18	10,18				
	1301	15	♀	Im	imp, null					8,7					
(1)	01421	26	♀	M	imp, post-lact					5,14					
	0132	17.5	♀	Sad	imp null						8,12				
(N)	01431	17	♀	Sad	imp, null						5,14				

Robsus Restoration, Mountain View, Calif.
Grid #1: P. californicus
Journal - Grid Data

Robb, D.D.
1989

Spp		#o	wt	Sex	Age	Bldg	Occ 1	2	3	4	5	6	7	8	9	Comments
							June 27(Am)	June 27(Pm)	June 28(Am)	June 28(Pm)	June 29(Pm)	June 30(Am)	July 1(Am)			
P. californicus		14 #80	37.5	♂	M	scrotal	9,6	10,10	10,10	10,11	[illegible]	9,6	9,10			2-36.5g-orange around mouth 4-34.5 5-33g 7-32g 3-36g
		1206	38	♂	M	scrotal	9,4		9,4	9,4	9,5		8,4			3-36g 5-36g, covered with RED-used in trial. 4-36g 7-36g
		1569	30	♂	SAD	rwp	11,5		11,5	11,4	[illegible]	11,4	11,4			3-30g 4-27g, covered w/Purple 5-27.5g 7-26g
		1645	24	♀	Juv	nullip	10,6	10,6	10,6	10,6			11,5			2-22g 3-23g. 4-Visible Purple, 23g 7-23.5g
		1351	37.5	♀	M	imp, parous	10,9	10,11	10,9	9,10	[illegible]	9,6	9,6			1-dusked ORANGE 4-35g 5-34g 2-36g 3-36.5, redusked ORANGE 7-33.5g
	✓	1464	40	♂	M	scrotal	11,15		10,14	9,15	9,15	11,16	11,15			3-38g 4-37g, Blue green visible in ear/tail 7-36g 5-36.5g Big all over 6-37.5g.
		1497	38	♀	M	imp, parous	11,16		9,14	8,15		9,14	11,16			1 dusked Blue-GREEN 4-34.5g 3-37g, redusked 6-34g 7-34g
(1460)	*	040	37	♂	M	Scrotal	11,18	11,18	10,17				9,17			lost nail at 04000 2-35g, covered w/green 3-35g 7-36g
		1460	44.5	♀	M	imp, lactating	9,18		10,17	10,17	8,17		8,17			1-dusked GREEN 3-43.5g, redusked, lact 4-41g, lact 5-38g redusked. 7-42g
		1569	37	♀	M	imp, nullip	8,10	8,10	8,11	8,11		8,11	9,11			2-35.5g 3-36g 4-34g. 6-34.5g 7-35g
		1640	26	♀	SAD	imp, nullip	8,17	9,17	8,16	8,17		8,16	9,4			2-23g 4-24g 6-25g 3-23.5g 7-23.5g
(RWP)	*	030	38.5	♂	M	scrotal		11,5		11,4						4-40g-covered w/visible Purple
		1644	28.5	♀	SAD	Imp null		8,17	9,18	9,18	9,17		8,17			2-covered w/green 3-27g 5-25g. 7-27g
		0100	44	♀	M	imp, lactating			8,5			9,4				6-42.5g, lactating barely, Radiocollared Ch. 12
		020	39.5	♀	M	imp, parous			10,6				11,5			3-dusked PURPLE 7-40g
		1554	30.5	♀	EM	imp null				10,16	10,15	10,15	10,17			8-29g 7-28.5g



New - 02021

Lusby, D.D
1999

Jornada Experimental Range, Las Cruces, NM
Grid NW: P. baileyi only

Spp.	No	Wt	Sex	Ag	Brdg	Occ	June 27 (Am) 1	June 27 (Pm) 2	June 28 (Am) 3	June 28 (Pm) 4	June 29 (Am) 5	July 1 (Am) 6	7	8	9	Comments
P. baileyi	03230	22	♀	M	up, nullip		7,4	8,5	7,7	7,7	7,5	9,8				
✓	01041	21	♀	M	imp, parous		7,4			7,5	7,4	7,4				
	02030	22	♂	M	scrotal		8,4		8,4	8,7	7,7	8,7				
	01231	17	♂	SAD	TXD		8,5		9,5	8,5		8,5				
	0331	24	♀	M	up, p-lact parous		10,5		10,4	16,5	10,5					
	02180	22.5	♂	M	scrotal		10,11		8,12		10,14	8,12				
	01210	26.5	♀	M	up, p-l		11,16	10,16	10,15	10,15	11,17	11,16				
	01311	18	♂	EM	TXD		10,17		11,18		10,17	11,18				
	0321	24	♂	M	scrotal		11,17		10,18	11,17	11,18	11,17				
	01321	20	♀	EM	up, nullip		8,12					8,15				
	01040	22.5	♂	M	scrotal		5,12		6,12	6,12	6,12	6,12				
	01221	17	♀	EM	up, nullip		6,13	6,12	7,9	6,11	6,11					
(N)	01441	13	♀	Im	~~FED~~ nullip		5,8		6,8	6,8		6,9				
	01000	22	♀	M	up, parous lactating		5,8									
	02040	23.5	♂	M	scrotal			7,4								
	01301	18	♀	SAD	Imp null			8,4		8,4	8,4	8,5				
	02140	23	♂	M	scrotal				11,5			9,5				
(N)	02001	22	♀	M	up, p-l				10,7	10,7	10,7	10,7				
	01021	21	♀	M	up, nullip				11,18	11,18	11,18					
(N)	02011	19.5	♀	M	up, parous						5,8	5,8				
(N)	02021	13,5	♀	EM	nullip							7,4				
	03230	24.5	♂	M	scrotal							10,11				
	01171	21.5	♂	M	scrotal							6,8				
	01421	22.0	♀	M	parous, imp							5,14				

P. truei - 03430
Perognathus - ~~0231~~ 02320

Rubble, D.O
1989

Isolation Reservation, Monterey Co., Calif.
Grid Data

Grid MC - Wise Spec

Spp.	No	wt	Sx	Ag	Bcdg	Occ	1 June 27 (Tue)	2 June 27 (Pm)	3 June 28 (Wed)	4 June 29 (Thu)	5 June 30 (Fri)	6 July 1 (Sat)	7	8	9	Comments
P. truei	0414	24	♂	M	scrotal		10,4		10,4	10,5	10,5	10,5				0410 previously
	03410	23	♂	m	scrotal (barely)		10,10		9,8	10,7	10,9	10,10				
	043410	~~23.5~~ 22.5	♂	m	scrotal		10,12		10,14	10,14	10,10	10,10				
	03220	23.5	♂	m	scrotal			11,4	10.5	10,4						
Perognathus	01310	27.5	♂	m	scrotal						10,11					
↑	(N) 02310	24	♂	Em	TND						9,4					
↑	02030	26.5	♂	M	scrotal				8,18		8,17					
Perognathus	02210	20	♂	Em	scrotal		10,18	10,18		11,17	10,18	10,18				
↓	0230	24	♂	m	scrotal		7,18									
↓	02280	27	♂	M	scrotal		8,17		9,18	10,18	8,18	8,18				
	02070	20	♀	M	up, preg				6,6							
	01320	29.5	♀	M	up, pregnat				10,~~8~~7			10,7				6 - lact.
Perognathus (N)	~~02380~~ 2380	255	♂	M	~~scrotal~~ TND				9,12							
N. fuscipes	1643	120	♂	SAD	TND		11,4			10,4	10,4					
↓	1575	160	♀	SAD	nullip		10,12			10,12	10,12	9,13				1150g
	(N) 1600	120	♀	Im	nullip		11,18				9,18	11,18				
	1348	195	♀	M	up, parous		9,17									
	1576	175	♂	SAD	TND		9,10		10,10	10,10	10,10					3-150g
	1571	210	♀	M	Perf. null		8,8		~~10,8~~							
	1350	270	♂	M	scrotal				11,5	7,4	11,4					
	(N) 1661	130	♂	SAD	TND			11,10	- Mortality Cat # 9169							2 - left on trap overnight
	1656	170	♂	SAD	TND				9,17							3 - should have weight
	1371								10,11							
	~~1351~~															

Russell, D.O.
1486

Hastings Reservoir, Hawkeye Co., Cal.

Spotted Towhee - Pipilo maculatus

Spp	No	wt	Sex	Age	Brdg	Dec	1 July 22 (Fri)	2 July 23 (Sat)	3 July 23 (Pm)	4 July 24 (Sun)	5 July 24 (Pm)	6 July 25 (Mon)	7 July 25 (Pm)	8 July 26 (Tue)	9 July 27 (Wed)	10	Comments
Pardowicus	1480	34.5	♂	M	TND		9,7		9,10	9,9		9,6	8,7	9,6	9,9		3-32.5g covered w/ orange powder 7-31.5g 4-32.5 6-32g 8-34g 9-31.5
	030	37.5	♂	m	scrotal		11,4	11,4							N/S		2-38g 9-36.5
	020	40	♀	M	Imp, par		10,16	11,5		11,5					11,5		1-Dusted Purple 4-38.5 9-36.5g
	1645	26	♀	Imm	null		10,16	10,16					10,16	10,16	10,16		2-26g 7-26g 8-24g 9-24g
	1464	38.5	♂	m	TND close		11,16			10,15		9,14	10,14		11,15		4-36.5g. Covered w/ visible B-G. 9-36.5 11,15 6-36.5g 7-36g
	040	39.5	♂	m	scrotal		10,17	10,17		10,18		9,18	8,17	9,18	11,18		2-40.5 4-41g Green rumble a ear 7-37g covered w/ Green 6-37.5 8-36.5g 9-37g
	1497	38	♀	M	Imp, par		9,12			9,14		10,13	10,13	11,16	11,15		1-Dusted Blue-green 7-35g 4-37g 6-36.5g 8-34g 9-34g
(N)	1769	17.5	♀	Imm	null		8,17		10,17		8,17		9,18	8,17	8,18		1-Returned to lab 3-green powder in ears + mouth 3-16.5g 5-18g Green all over. 7-18.5g 8-18.5g 9-18g
	1460	42.5	♀	M	Imp, p-l		8,17		10,18		~~8,17~~	8,17	~~8,17~~	8,17	9,18		1-Dusted green 3-42.5g 9-38.5 6-44g, redusted. Used a lot + 8-40g
	0100	42	♀	M	up, pmas			8,4		8,4		9,4	8,4	8,4	8,4		2-Dusted RED 4-40.5g 6-41g. 7-39.5g 9-37.5 8-39.5g
	1351	37.5	♀	M	up, pmas			10,9			10,10			9,6	9,6		2-Dust ORANGE 5-35g 4-32.5g 8-34.5g. 9-37g.
	1206	38.5	♂	m	TND close				9,4		8,4		9,4	8,5			5-35.5g 7-35g 8-36g
	1568	30.5	♂	Sad	TND				11,4								
(N)	1770	26.5	♂	SAD	TND					9,9			9,8	8,10	8,8		4-returned to lab 7-24.5g 8-dec 9-24g
(N)	1771	27	♀	SAD	Imp, null						5,12			10,10			5-returned to lab. Scab on back. 8-24g.
	1554	28.5	♀	SAD	Imp, null									11,15			

CBID MO - Dualcombination 8 of 4
Lapel

22 224 23.5

P. boylii - 02101

Tissue D.O. 14 pg

Hastings Reservation, Monterey Co., Calif. — Journal - Peter Grid Data

Grid: P. boylii only

Spp	No	wt	Sex	Age	Body	Occ 1	2	3	4	5	6	7	8	9	10	Comments
						July 22 (Pm)	July 23 (Am)	July 23 (Pm)	July 24 (Am)	July 24 (Pm)	July 25 (Am)	July 25 (Pm)	July 26 (Am)	July 27 (Am)		
P. boylii	03130	21.5	♀	m	Imp, par.	8,7	8,7	8,7	7,9	8,7			8,7	8,7		
↙	01210	24	♀	m	Imp, par	11,17	11,16		11,16	11,16	11,16	11,16	11,17	11,18		
	01021	19	♀	m	Imp, null	11,18			10,17	10,17	10,17	10,17	10,17	10,17		
	01040	21.5	♂	m	TND	6,12	6,12	6,12	6,12		6,12		5,9			
	0430	21	♂	m	scrotal	5,14			6,14	6,14		6,14				
	01221	16.5	♀	Em	Imp, null	6,13					6,11		6,12	6,12		
	01041	21	♀	m	imp, parous		7,4			7,4	7,5		7,5			
	02030	22	♂	m	scrotal		7,7	7,4	8,7	8,7	7,4		7,4	7,4		
	01231	17	♂	Em	TND		8,5	8,4	8,5		8,5		9,4	8,5		
	02100	23	♂	m	scrotal		10,4				7,16		7,16	7,16		
	01311	19	♂	Em	TND		10,17	11,18	11,18		11,18	11,17				
	0321	23.5	♂	m	scrotal		11,18	11,17			11,17	11,18	14,18	11,17		
	01441	16	♀	SSD	imp, nullip		5,8		6,8		5,10	7,9	7,10	7,10		
	0331	22	♀	m	lact			10,5	10,5	10,5	10,4		10,4	10,4		id?
	01421	24	♀	m	imp, parous						6,14		6,14	6,14		
	01301	17	♀	Em	Imp null							9,4		9,4		
	02440	22.5	♂	m	scrotal								11,4			

P. trauei - C3430
Peroguathus - ~~C3130~~ 03140

Barbee, DO
1984

Mashugo Excavation, Monkey Co.
Upper Mio: Mixe Species

Journal - Gross Data

Spp.	No	Wt	Sex	Ag	Body	Dec 1	2	3	4	5	6	7	8	9	10	Comments
						July 22(Pm)	July 23(Am)	July 23(Pm)	July 24(Am)	July 24(Pm)	July 25(Am)	July 25(Pm)	July 26(Am)	July 27(Am)		
P. trauei	04310	24	♂	m	scrotal	10,10			11,15	11,15	11,15			10,10		
↓	03314	22	♀	m	Lact			10,5								Separately P. trauei P. boglin!!
	0410	24	♂	m	scrotal				10,4			10,5	10,5	10,5		
	03220	23.5	♂	m	scrotal								10,10			
	03010	19	♂	SAD	TND								11,4			
↑ (N)	03150	26.5	♂	m	TND						5,5			6,5		
Peroguathus	01320	25	♀	m	Imp. p-l	10,8	10,7	10,7					10,7			
↓ (N)	03040	18.5	♂	Imm	TND	7,9	8,8	8,9	9,10		9,10			8,9		
	02200	27.5	♂	m	TND	8,18	8,18	8,17	8,16	9,17	9,18	8,17	8,18	8,16		
(N)	03100	15	♀	Im	multip		6,5				6,5	6,5	6,5			
	02310	23	♂	m	TND		8,4						9,4	9,4		
	02210	23	♂	m	TND		11,18	11,18	11,17	11,18	10,18	10,18	11,17	10,18		
	02020	22	♀	m	Lact		7,8			7,9			7,9	7,9		9-still lact
(N)	03110	16	♀	Em	Imp null			9,18								
↓ (N)	03120	19	♀	SAD	imp, null				4,5							
Peroguathus	02300	25	♂	m	TND				10,13				10,14	10,14		
~~N. fuscipes~~											11,18					
N. fuscipes	16660	125	♀	Sad	Imp null				9,17		11,18			9,18		
N. fuscipes	16560	180	♂	Em	TND	9,17		9,18	9,18	9,17		9,17		9,17		1-Left overnight 3-ditto 5-ditto 7-ditto
	15575	175	♀	M	Imp; null				10,11		9,13					
		Mass														

Robbins, D.O.
1969

Hastings Reservation, Monterey Co., Calif

BIRD MIC: P. californicus ONLY

Louisiana - Gold Dust

4 Nov
5 Nov
6 Nov

Center of Act. (-4, -3)

SPP		NO	Wt	Sex	Age	Body	Occ 1	2	3	4	5	6	Comments
P. californicus	(W)	1799	20	♀	I	nullip	8,17	9,17	8,16		4.33, 13.67		white-tail tip 2-18g
✓		1376	0400	45	♀	M	imp, parous	9,4				5,1	
✓		1186	020	41	♀	M	lactating	11,4	11,5	11,4		7, 1-3	2-lact.
✓		1212	030	38	♂	M	TND	10,6		9,4		5.5, 2	
✓			1480	36	♂	M	TND (close)	10,9	10,11	9,6		5.67, 5.67	
✓			1497	38	♀	M	parous, lactating	10,11	11,16	10,14		6-3, 10.67	2- post-lact
✓			1464	37	♂	M	Scrotal	11,15	11,15	10,11		6.67, 10.67	
✓		1363	04040	36	♂	M	~~TND~~ TND	9,17	9,17	10,17		5.33, 14	old #040 3 - 35.5
		(N)	02002	19.5	♀	I	nullip	9,17	10,19	9/8 ~~8,17~~		5.33, 14.67	· white tail-tip
✓			1460	~~2040~~	♀	M	imp, parous	10,17		8,17		~~7~~ 6, 14	
✓			1351	41	♀	M	imp, parous		9,10			5, 17	
			1460	40	♀	M	imp, par.			8,17		4, 14	
			040	~~35.5~~	♂	M	scrotal			10,17			

number 1460 above

Peregrinus		3110	22	♀	M	imp. par			11,15				
		3040	25.5	♂	M	ind.			11,4				

P. boylii - 02101
P. tuwi - 03430

Ribble, D.O.
1994

Journal - Field Data

Habitat Preservation, Monterey Co., Calif.

SPP. P. tuwi & P. boylii

SPP	No.	Wt	Sex	Age	Bldg	Occ 1	2	3	4	5	6	Comments
P. tuwi	04¾10	25	♂	M	TND	10,10	10,10	10,10				
	0410	24	♂	M	TND		11,4					
	0331	24	♀	M	lac.			10,5				♯
P. boylii	0441	18	♀	EM	up, nullip	5,10	5,8	5,8				
	01221	18.5	♀	M	up, parous	6,12	6,12	6,12				
	01040	22	♂	M	TND	8,12	8,12	8,12				
	03130	22	♀	M	up, parous	7,7	7,7					
	01301	20	♀	M	up, nullip	8,5	8,4					
	02030	24	♂	M	TND	8,4	8,4	7,4				
	01220	25	♀	M	up, nullip	11,18						
	0321	23	♂	M	TND	10,18	10,17	11,18				
	01021	20	♀	M	up, nullip	10,18	11,18	11,18				
	0201	21	♀	M	up, parous		6,12					2011
	0221	23	♂	M	TND		7,4	7,4				2 - 7,4
	0331	24	♀	M	teats swollen up, parous		10,4					
	02101	23	♂	M	TND		10,15	10,15				
	01210	24	♀	M	up, nullip		11,18	11,16				
	02001	22	♀	M	up, par.			10,7				
	0											

Perog - ~~03220~~ 03340

Ribble, D.O.
1989

Jornada

Hasbrig Observation, Montbay Co., Calif.

Grid WC: Mixic species

Spp.	No	Wt	Sex	Age	Bldg	Occ 1	2	3	4	5	6	Comments
						4 Nov	5 Nov	6 Nov				
Perognathus	02020	20	♀	M	up, pavon	5,5	5,5	5,5				
	(N) 03220	23	♂	M	TND	5,9						
	02203	30	♂	M	TWD	8,18	8,18					# 03
	03020	22	♂	M	TND	7,18	7,18	7,18				
	02310	25	♂	M	TND	9,4	9,4	8,4				
	(N) 03230	25	♂	M	TND	10,9	10,10	10,9				
	(N) 03240	24	♂	M	TND	11,15		11,15				
	03020	20	♀	M	up, nullip	10,17						
	Cat# 1024	17.5	♂	M	TND		6,5					2 + torpid
	(N) 03300	25.5	♂	M	TND		8,17					
	(N) 03320	24	♂	M	TND		7,11	6,12				Probably 03230 above ?
	03000	27	♂	M	TND		11,4					
	03120	21	♀	M	up, pavous		10,6	10,6				
	2300	28	♂	M	TND		10,12	10,12				
	03010	22	♀	M	up, pavon		10,15					
	(N) 03330	16.5	♀	M	imp, par.			7,13				
	2003	30	♂	M	ind.			9,17				both front paws bloody
	2210	31	♂	M	scrotal			11,17				
N. fuscipes	1656	220	♂	M	scrotal	9,18						
	1575	180	♀	M	imp, par		9,12	10,13				
	1660	155	♀	M	imp., par.			9,18				
Sorex	Cat#					11,18						Catalogued as from Finch Creek!

Hastings Reservation, Monterey Co., Calif.

GRID W2 - P. californicus only

Trapping - GRID TWO

Spp.		No	wt	Sex	Age	Bldg	Dec 1	2	3	4	5	Comments
							Jan 29	Jan 30	Jan 31	Feb 1	Feb 2	
P. californicus		010	43.5	♀	M	lact, lactating	13,10	13,11	11,9 - Mortality. Got in trap that bait had been taken!			Cat # 942.
↓	N	1484	38	♂	M	scrotal	6,6	7,7	7,5	8,7	7,6	1 - returned to lab for tissues
"		1175	44	♀	M	lactating	7,6	8,5	6,5	8,5	6,5	White-tail tip
"		1435	385	♀	M	lactating	7,5	5,5	6,6	7,5	4,3	tag flipped around
"		1116	35	♂	M	scrotal	7,5	8,5	8,5	7,6	8,5	
"		1121	38.5	♂	M	scrotal	8,5		8,5	8,5	11,9	
		1118	40.5	♂	M	scrotal	4,2	6,6		4,3		
		1429	34	♀	SAD	lac, nullip	2,3		2,3	2,3	2,2	
	N	1485	31	♂	SAD	RWD	3,3		3,4	3,4	15,12	1 - returned to lab. Tail scabbed ½ from end - caught in door.
		0110	32	♂	M	scrotal		16,14	16,15	11,9	11,9	5 - long movement!
	N	1488	39	♂	M	scrotal					2,3	

一 主 主 主

二 老 老 一

三 主 主 一 二

四 老 一

五 一 二

Nov-02430

Loslo, D.O.
1994

Journal - Grid Data

Hoskins Reservation, Mulkey Co., Calif.
GRID WE - P. trilei only

Spp	No	Wt	Sex	Age	Body	Occ 1 Jan 29	2 Jan 30	3 Jan 31	4 Feb 1	5 Feb 2	Comments
P. trilei	040	23.5	♂	m	TWD(close)	16,15		15,12	15,12		
↓	0440	24	♀	m	up, pinnow	16,13	15,12		15,12	15,12	
	01400	20.5	♂	m	TWD	15,15	15,15	15,15			
	0230	20	♂	m	scrotal	12,12	14,12	13,12	13,12	13,12	
	0130	25	♂	m	scrotal (barely)	10,10	10,10	10,10	10,10	9,8	
	013	25.5	♂	m	TWD(close)	10,6	10,7	8,7	10,6	10,7	
	02010	20.5	♀	m	up, nullip	5,5	6,5	7,6	6,5		
	02340	18	♀	EM	up, nullip	4,5	4,6	4,6	4,4	4,5	
	02020	23	♀	m	up, nullip	4,3	4,4		4,3		
	02320	16	♂	EM	TWD	3,4		3,4			
	01030	25	♂	m	TWD	3,3	3,4	4,4	4,2	6,5	
	0120	26	♀	m	up, pinnow		13,12				2 - 1st front paw caught in trap, seems ok.
	02140	22.5	♂	m	scrotal		12,12	13,12			
	02220	21	♀	m	up, nullip		5,3			4,2	
(N)	02410	16	♀	SAD	up, nullip		4,6				
	02040	21.5	♂	m	TWD(close)		4,4	2,3		1,3	
	0260	23	♀	m	up, pinnow		4,2				2 - caught by tail in door/heading out. Bad shape. Returned to lab.
	01130	24.5	♀	m	up, nullip			15,13		15,14	
	01000	23.5	♂	m	scrotal			14,10		14,10	
	02300	22	♂	m	TWD(close)			6,5			
	0140	26	♂	m	TWD(close)			4,3		1,3	
	02310	19.5	♂	m	scrotal			4,2	4,2	3,1	
	02230	23.5	♂	m	TWD(close)				1,3	1,2	
(N)	02420	19	♀	EM	up, nullip				13,11		

Count on Microscope Page

Peromyscus maniculatus - 01000
P. boylii - 01010

Jan 29. Jan 30 Jan 31 Feb 1 Feb 2

Spp	No	wt	Sex	Age	Body	Occ 1	2	3	4	5	Comments
Peromyscus	0230	20	♀	ad	wp, parous	11,9	11,9	11,8	10,9	11,8	
↓	0120	20.5	♀	m	wp parous		2,1	2,1	2,1	2,1	5-torpid
	0380	20	♂	m	scrotal			11,9			
P. boylii	0240	19.5	♀	m	wp, parous	11,15		11,14			
↓	0140	19	♀	m	wp, nulip?		15,15		15,13	11,15	
	012	22	♂	m	TWD (close)			11,15	11,14		
P. truei	(N) 0230	21	♂	m	TWD (close)					11,10	
	0310	25.5	♀	m	wp, parous					10,7	
	0430	25	♀	m	wp, parous					9,9	

Hastings Reservation, Monterey Co. Calif.
SPECIES - MISC. SPECIES

LIBBLE, D.O.
1964

JOURNAL - FIELD LAB

Lisbe, DD.
1989

Housing Excavation, Monterey Co., Calif.

SPID WE - N. fuscipes ONLY

Jan 29 | Jan 30 | Jan 31 | Feb 1 | Feb 2

Spp	No	Wt	Sex	Age	Bldg	Acc 1	2	3	4	5	Comments
N. fuscipes	1401 w-1403	184	♀	m	wp, parous	14,13	14,13	14,13	14,13		1-Wall - about to lose ear tag, tagged left #1483 2-Wall 3-Wall 4-Wall
-	1483	180	♀	m	wp, parous	10,8	10,8			9,7	
-	1449	195	♂	m	scrotal	10,6	10,6	10,6	10,6		1-Wall 3-Wall 2-Wall 4-Wall
-	1329	180	♀	m	wp, parous?	8,7		8,7		8,7	1-Wall 3-Sterna
-	1428	205	♂	m	scrotal	5,6					
-	1337	265	♂	m	scrotal		14,12				2-Wall
-	1339	190	♂	m	TWD(close)		12,10	12,10		12,10	2-Wall 3-Wall 5-Wall
-	1395	210	♀	m	wp(crust-g), parous		14,10	14,10	14,10	14,12	3-Wall 4-Wall
-	1487 1480	195	♀	m	wp, parous		1,2	3,2	1,2	1,1	about to lose tag, tagged left ear, 1487 5-Wall
-	1476	260	♀	m	wp, parous			11,8	11,8		3-Wall 4-Wall
-	1353	230	♀	m	wp, nullip(?)			5,3			
-	1449	240	♀	m	wp, parous			6,4	6,4	6,4	ear-tag on left ear-tag goes through skin on back!! 4-Wall 5-Wall
(N)	1486	335	♂	m	scrotal			6,4			3-Wall - left ear ripped.
-	1126	255	♂	m	scrotal				1,1		4-Wall
-	1167	335	♂	m	scrotal				9,7		4-Sterna!
-	1244	335	♂	m	scrotal					14,13	5-Wall
-	1447	240	♂	m	scrotal					13,10	
-	1469	185	♂	m	TWD					10,8	
-	1438	250	♂	m	scrotal					11,8	5-Wall

Journal-Lyon Land Dev.

transects start # at drift fence

Spp	No	Wt	Sex	Age	Bldg	Occ	Feb 2 (Pre) 1	Feb 3 (Atw) 2	Feb 4 (Atw) 3	4	5	6	Comments
P. californicus	1979	40.5	♀	M	imp, parous		6,17						1-dusted RED
	1955	43.5	♂	M	scrotal		~~7~~,19	5,17					
(1389)	030	41.5	♀	M	imp, nullip?		5,14	5,14					1- dusted BLUE-GREEN
	1155	38.5	♂	M	scrotal		5,13						
	0130	46	♂	M	scrotal		6,10						
(0280)	1269	39	♂	M	scrotal		4,9	5,6					2 - purple visible on tail.
	1225	41	♀	M	imp, parous?		5,11						1-dusted PURPLE
	1421	35	♀	M	imp, nullip			(W-3) 1,5.5	W-1 1,4.5				
	1257	37	♂	M	scrotal			(W-3) 1,5.5					
(1137)	020	44	♀	M	imp, parous			W-5 4,6					2-dusted ORANGE - Fat, but not pregnat
	1364	39	♀	M	lactating!!			4,13					2-dusted GOLDEN BROWN
	0480	40.5	♂	M	scrotal			5,4					2-covered w/ visible BLUE-GREEN
	1235	35.5	♂	M	Scrotal			(E-3) 12,20	E-3 12,20				
	1264	39	♂	M	scrotal			(E-1) 13,23	E-1 13,23				
	010		♂	M	scrotal				W-1 1,4.5				see drift line for cut.
	1414								W-3 1,5.5				see drift fence data
	1257	37	♂	M	scrotal				W-5 4,6				3 - covered with ORANGE powder.

Hastings Reservation, Monterey Co., Calif.
GRID #2 Quick Survey - P. californicus
Journal - Grid Data

Ehrlich, D.D.
1989

Russell, D.D. 1999

Lowe Mac - Grizzly Data

Abstract Excavation, Mankiny Co., Calif.

GRIZZLY: P. californicus only

Spp	No	wt	Sex	Age	Bldg	Dec	Feb 27 1	Feb 28 2	March 1 3	March 2 4	March 3 5	6	7	8	9	Comments
P. californicus	0110	36	♂	m	scrotal lactating		16,14	16,14	15,12	13,11						
✓	1435	435	♀	m	perf implantation scars, lactating		7,6	6,5		5,4	4,3					2-dusted OR Dalge 4-reddish, 46g, lactating! 5-46g, lactating
	1175	43	♀	m	perf, lactating		8,5	8,5	8,5	9,7	9,7					1-dusted GREEN 3-Reddish GREEN
	1118	44	♂	m	scrotal		5,3			6,5						4-orange powder visible in ears
	1485	33.5	♂	SAD	RVP		2,3	3,3	3,3	13,10	3,2					4-dispersal
	1488	37.5	♂	m	scrotal		2,3	3,2		1,2	1,2	(1,2)				4-1,1
	1429	31	♀	lactSAD	perf, mullip		3,2		3,2	1,2	2,1					
(N)	1496	38	♂	m	scrotal			7,7		7,6	5,6					2-returned to lab
	1121	41	♂	m	scrotal			7,5								no powder, tag obscured
	1116	42.5	♂	m	scrotal				9,6	8,6	7,6					4-covered w/fresh GREEN!
(N)	1500	39.5	♀	SAD	perf, mullip					12,10	10,7					
(N)	1501	16.5	♀	lac	imp, mullip					7,5						4-no sign of powder green visible around mouth, ears, feet.
(N)	1503	46	♂	m	scrotal					6,1						
N	1504	25	♀	ESAD	imp, mullip					3,2	3,1					
(N)	1505	37.5	♂	m	RND (close)						7,6					
	1399	36?	♀	m	perf, placeus, p-1						4,3					Should have collected tail!! – need to
(N)	1506	28.5	♂	SAD	RND imp, mullip						2,2					Lt rear foot bottom at hip/tibia – kept in captivity – see separate w/ white tail tip

Visitor

Home ♂ ♀

♂ ♂ 1485(sad) - 1488

♀ 1175 - 0110

1435 - 1121

New-02440

Kibbler, D.D. 1999

Jan Evans - Grid Data

Hastings Reservation, Monterey Co., Calif.

Grid 02 - P. truei 2004

Spp.	No	wt	Sex	Age	Bldg	Occ	1 Feb 27	2 Feb 28	3 March 1	4 March 2	5 March 3	Comments
P. truei	0440	23	♀	M	up, parous		16,14		16,12		16,13	
↙	040	22	♂	M	scrotal		16,13			13,12	12,11	
	0240	20.5	♂	M	scrotal		11,9					
	013	27.5	♂	M	scrotal		10,7	9,6	9,6	10,7	9,6	013
	0430	26	♀	M	up (swollen), parous		7,7	7,6	6,6			
	02010	21.5	♀	M	up, nullip		6,5	6,6	5,5		9,6	
	02410	17	♀	SM	up, nullip		5,5	5,3	5,5	5,5	3,4	
	0130	26	♂	M	scrotal		5,6	5,6	5,6	6,6	9,9	
	02380	22	♂	M	TWD (close)		5,6	5,5	6,6	5,4	5,6	
	02020	22	♀	M	up, nullip		4,4	6,4	4,2	4,3	3,3	
(N)	02440	18	♀	M	up, nullip		4,3	1,3	1,3	2,2	1,3	
	01030	26	♂	M	TWD (close)		3,4	3,4	5,3	4,4	5,5	
	02340	17.5	♀	SM	up, nullip		3,4	4,6	4,4	3,4		
	02230	25	♂	M	TWD		2,2	2,3		1,3	2,2	
	02310	22	♂	M	scrotal		3,1	5,3	3,1	3,1	4,2	
	0140	26	♂	M	scrotal			1,3	1,3		1,3	
	0300	24.5	♀	M	up, parous			4,2	4,2	3,2	3,2	
	02220	22	♀	M	up, parous			4,2		4,2		
	02040	23	♂	M	TWD			5,5		3,3	4,4	
	01000	23	♂	M	scrotal			5,6	7,6	6,5	8,5	
	0310	27	♀	M	up, parous			10,6	7,6	10,7		
	02140	24.5	♂	M	scrotal			12,12	13,12	11,10	12,12	
	03230	19	♂	M	scrotal			12,10				defumb #
	0120	27	♀	M	up, parous			14,12		12,11	12,11	

Russell, D.O.
1989

Journal - Grid Data

Hastings Reservation, Monterey Co., Calif.

Grid WZ - N. fuscipes only

Spp	No	Wt	Sex	Age	Body	Dec 1	2	3	4	5	Comments
						Feb 27	Feb 29	March 1	March 2	March 3	
N. fuscipes	1321	335	♂	M	scrotal!!	14,13	14,13	14,13	14,13	14,13	1-Natl 2-Natl 3-Natl 4-Natl 5-Natl
↓	1483	195	♀	M	nip(swollen), parous	14,13		14,13	14,13		1-Natl 3-Natl 4-Natl
	1339	205	♂	M	scrotal	13,10	12,10				1-Natl 2-Natl
	1396	195	♀	M	nip, parous	13,10	13,10		13,10	13,10	2-Natl 4-Natl 5-Natl
	1395	215	♀	M	nip, nullip?	14,10	14,10	14,10	14,10	14,10	2-Natl 3-Natl 4-Natl 5-Natl
	1449	200	♂	M	Scrotal	10,6		11,8			1-Natl
	1238	180	♀	M	perf., parous	9,7	9,7	9,7	9,7	9,7	1-Natl 2-Natl 3-Natl 4-Natl 5-N
	1325	195	♀	M	nip, parous	8,7					1-Natl
	1448	210	♀	M	nip, parous	6,4	6,4	6,4	6,4	6,4	1-Natl - eartag goes through skin 2-Natl 3-Natl 4-N 5-N
	1486	330	♂	M	Scrotal	6,4	6,4		6,4	6,4	1-Natl 2-Natl 4-N 5-N
	1487 1400	175	♀	M	nip, parous		1,2	1,2	1,2	1,2	2-Natl - about to lose tag 3-Natl 4-Natl 5-N
	1169	265	♂	M	Scrotal		4,6	4,6			2-Natl 3-Natl
(N)	1502	190	♀	M	nip, nullip		4,6		4,6		2-shenan, no tag 4-tagged.
	1403	225	♂	M	Scrotal		7,7		8,7	8,7	4-Natl 5-Natl
	1329	175	♀	M	nip, parous		8,7	8,7	8,7		2-Natl 3-Natl 4-Natl
	1337	245	♂	M	Scrotal		14,13	13,10			2-Natl 3-Natl
	1424	225	♀	M	perf., parous		15,15		15,13	15,13	
	1499 1425	190	♀	M	nip, nullip				15,15	15,15	4-about to lose tag, tagged left # 1499
	1428	210	♂	M	Scrotal				6,6		
	1322	280	♀	M	nip, parous				8,5	8,5	4-Natl 5-Natl
	1167	325	♂	M	Scrotal					8,5	5-N

P.boylii - 01010
Perognathus - 01000.

Russell, D.O.
1990

Loudoun - Upland Data

Washington, Yakima, Klickitat, Kittitas, Okanogan Counties

Upland Wildlife Misc Spp

Spp		No	Wt	Sex	Age	Body	Occ	Feb 27 1	Feb 28 2	March 1 3	March 2 4	March 3 5	Comments
P.boylii		0240	21.5	♀	M	vp, parous		16,15		16,15		16,14	
		0140	20.5	♀	M	vp, parous		15,14	16,15		15,14	15,14	
		00	21	♂	M	Scrotal		15,15			15,15		
	N	01000	21	♀	M	vp, parous					16,14		
	N	01020	22.5	♂	M	scrotal					5,6		
P.boylii		012	22.5	♂	M	scrotal						16,15	
P.boylii	N	01030	23	♂	M	scrotal						3.1	
Perognathus		0230	19.5	♀	M	vp, nullip		11,9	11,9	11,9	11,9	11,9	
		0300	22	♂	M	scrotal			11,8	11,9	11,9	11,9	
		0240	21	♀	M	vp, nullip				4,5	4,6	4,6	
		0_20	21	♂	M	scrotal				3,1	3,1		
Sorex		Cat no 948	6								15,12		
Sorex Shrew-like sp.		Cat no 946	5.5					16,15					
Sorex		030	8	♀	M	pregnant			7,5		7,6 - Mortality		
P. truei	N	03010	24	♂	M	scrotal						4,2	
P. truei		01130	24.5	♀	M	vp, parous			16,15	15,15	15,14	16,15	
		01400	20.5	♂	M	TWD				15,14	13,12	13,11	
		0230	19	♂	M	scrotal				12,10	12,10	12,12	
		02210	18	♀	M	vp, nullip				10,9			
		0440	22	♀	M	vp, parous					16,14		
		02120	23.5	♀	M	vp, parous					9,9		
	N	03000	21.5	♀	M	vp, nullip					2,1		
		01310	25.5	♂	M	scrotal						10,9	
		02430	22	♂	M	TWD (close)						11,9	

0240
Rt. rear leg missing below knee!! Hobbles around reasonably well.

REWRK - swamp trap not set out.

Spp.		No	Wt	Sex	Age	Bldg	Occ	1 March 29 (Am)	2 March 29 (pm)	3 March 30 (Am)	4 March 30 (Pm)	5 March 31 (Am)	6 April 1 (Am)	7 April 1 (Pm)	8 April 2 (Am)	9	Comments
P. californicus		0110	37	♂	M	scrotal		16,14	12,10		12,10	16,14	12,10	12,10	11,9		2-Green in ears?
✓	(N)	1514	28.5	♀	Late Imm	up, nullip		13,10									1-returned to lab
	(N)	1515	33	♀	SAD	up, nullip		11,9	13,10	13,10	15,13	12,10	13,11	15,12			1-returned to lab 2-no powder
X		1500	37	♀	M	up, lactating!		11,9		10,8	11,9		10,8	10,8			1-dusted PURPLE 4-38.5 back 6-Redusted.
	(N)	1516	34.5	♀	SAD	up, nullip		10,10		16,14		15,15	16,15	15,15			1-returned to lab 5-dusted RED
X		1501	27	♀	Imm	up, nullip		10,7	10,7			9,7	10,9		9,6		ear-tags flipped around 5-GREEN visible in ears
X	✓	1121	40.5	♂	M	scrotal		10,6	Mortality - caught in wall and then nose wedged between wires. Cat No 951								
X		1175	50	♀	M	pregnant!		8,6	8,6		6,5	10,8					1-dusted GREEN 4-redusted. 52.5g 5-54g.
	(N)	1517	27.5	♀ ♂	Imm	TND		8,5		8,6		10,7	11,9	10,8			1-returned to lab 3-no obvious powder
	(N)	1519	33	♂	SM	scrotal (barely)		6,5		9,7	10,6	8,6	9,7				1-returned to lab, white tail tip 4-no powder
X		1433	51	♀	M	lactating		4,4		5,5			4,3	5,3	4,3		1 Dusted ORANGE 3-should have weighed 6-44g, lact. Redusted
X		1485	36	♂	SM	scrotal		4,3				8,5		8,6	10,7		5-GREEN visible in ears, mouth!
X		1429	37	♀	M	lactating!		2,3	3,3		2,3	3,2	2,3		3,2		1-Dusted BLUE-GREEN 4-re dusted
X		1118	46	♂	M	scrotal		4,2	6,5								1-4,2, 2-covered w/ ORANGE (all over)
X		1504	34.5	♀	SAD	up, nullip				3,1							
	(N)	1521	28	♀	SAD	up, nullip						11,9					5-returned to lab.
X		1498	41.5	♂	M	scrotal						11	3,2				5-covered w/ visible B-G. 6-Definite Cover

Sweeper trap to Texas

Cof A (corrected)

GRID WZ - P. californicus only

Hastings Reservation, Monterey Co., Calif.

LIVE/R.D.
1989

5, 23	
6, 22	
5.428, 22.857	
5, 17.8	
3.6, 27.2	
5.6, 15.6	
7, 15	
4.75, 13.25	
5.4, 15.4	
5.2, 13.6	
3.8, 7	
5.25, 11.75	
2.8$\overline{33}$, 4.1$\overline{66}$	
4.5, 7.5	
5, 3	
5, 19	
3.5, 2.5	

LIVE/R.D. - GRID DATA

closed - 29 : 正丅 III

30(km) : 正 正丅 正丅 II

31(km) : 正 II

New-03040

Kushlan, Mazzotti, McKelvy & Allen, 1984

Journal - Field Data

Wading Resources, Wakulla Co., Calif

GRID W2 - P. fuscus owls

Spp.	No	wt	Sex	Age	Bldg	Occ 1 March 29 (Sun)	2 March 29 (pm)	3 March 30 (Mon)	4 March 30 (Tue)	5 March 31 (Wed)	6 April 1 (Thu)	7 April 1 (Fri)	8 April 2 (Sat)	9	Comments
P.fusc	01400	23.5	♂	M	scrotal	16,15		16,13		16,15	12,12				
	0440	23.5	♀	M	perf, parous	16,12	16,14						16,12		
	040	25	♂	M	scrotal	16,12	16,14	16,12	12,11	12,12			16,12		
	01130	28.5	♀	M	lap, parous	15,14		15,14	15,15	15,13	15,15	15,15	15,15		
	0230	22	♂	M	scrotal	12,11	13,12	10,10	12,10	12,11	12,12		12,11		
	0430	31.5	♀	M	pregnant	10,10							9,10		
	010	33	♂	M	scrotal	10,6		10,7							
	01000	24	♂	M	scrotal	9,8	8,7	7,6	8,6	8,7	8,6	8,7	6,6		
	0130	27	♂	M	scrotal	7,7		7,7	10,10	9,10	9,10	9,10	9,10		
	02300	24.5	♂	M	scrotal	6,6	10,10	5,6		7,7	10,10				
	0310	33	♀	M	lactating	7,6		9,6			7,6		10.6		
	01030	28	♂	M	scrotal	4,3	5,3			4,2	4,4		4,4		
	02020	24	♀	M	perf, nullip	3,3		4,3	4,3		5,3	10,10	5,4		
	02440	19.5	♀	EM	lap, nullip	1,3	2,3			1,3	1,2				
	0140	28.5	♂	M	scrotal	1,2	1,2				2,3	1,2			7, CAUGHT IN NATIONAL !!
	02310	25	♂	M	scrotal	3,2		4,2							
	02440	18.5	♀	EM	lap, nullip		4,4								
	0200	30	♀	M	preg?, lap, parous		3,2	3,2							
	01310	26	♂	M	scrotal			7,5		7,5	10,6				
	02040	24	♂	M	scrotal			2,3							
	013	28.5	♂	M	scrotal				7,7	7,6	9,6	7,6			same as 010? 6 - ~~left~~ left front foot caught in trap
	02220	24	♀	M	lap, parous				4,2				4,2		toe # 0100 broken
	0120	36	♀	M	Pregnant!					13,12					

Kibble, D.D.
1999

Journal - Field Data

Kashiwagi Reservation, Monterey Co., Calif.

GRID W2 - P. truei ONLY

SPP	No	Wt	Sex	Age	Bridg	Dec	1	2	3	4	5	6	7	8	9	10	Comments
											March 31 (AM)	April 1 (AM)	April 1 (PM)	April 2 (AM)			
P. truei	02120	28	♀	M	up, nullip						10,10	10,10		10,10			
↓	02414	18	♀	SAD	up, nullip						4,5	5,6		5,5			Original 024 10?
	02230	26	♂	M	scrotal							1,2					
	03000	23	♀	M	up, nullip							3,3	2,3	2,3			
(N)	03020	24	♀	M	up, nullip							10,7	10,7				
	02430	22	♂	M	scrotal							(10)(12)	13,10				6-12,10
(N)	03030	22	♂	SAD	mod (low)							12,12	15,14				
	0248	24.5	♀	M	lactating								12,11	13,11			
(N)	03040	24	♂	M	scrotal								10,9				
	1000	26	♀	M	per, null								4,3				new animal 3
	1400	21.5	♂	M	scrotal									15,14			
	1330	20	♂	M	scrotal									6,5			

Lubbs, D.O.
1999

Hoopa Reservation, Monkeys Co., Calif.

Grid WZ: N. hispidus only

Housing - Used Data

Spp	No	Wt	Sex	Age	Brdg	March 29 (Am) Dec 1	March 29 (Pm) 2	March 30 (Am) 3	March 30 (Pm) 4	March 31 (Am) 5	April 1 (Am) 6	April 1 (Pm) 7	April 2 (Am) 8	9	Comments
N. hispidus	1424	200	♀	M	perf, parous	15,13			15,14		15,13		14,12		
	1403	210	♀	M	up, parous	14,13			4,13		14,13		14,13		1-Wall. Both ears torn. 6-Shrew! 4-left in Wall overnight 1-Wall
	1339	215	♂	M	rnd (clear)	14,13									
	1449	225	♂	M	scrotal	10,6		10,6	11,8						1-Wall 3-Wall 4-N.O.
	1322	225	♀	M	up, parous	9,7		8,5					8,5		1-Wall 3-Wall
	1167	340	♂	M	scrotal	8,5	8,5		8,5		8,5				1-Wall 2-left in Wall overnight 4-dead 6-Wall
	1448	225	♀	M	up, nulip(?)	6,4	6,4		6,4		6,4		6,4		1-Wall 2-Wall overnight 4-N.O. 6-Wall
	1502	200	♀	M	up, nulip	4,6		4,6		4,6	4,6		4,6		
	1321	320	♂	M	scrotal		5,15		15,15		15,15				2-left in Wall overnight 4-" " 6-Wall
	1244	315	♂	M	scrotal		14,13								2-left in Wall overnight
	1396	225	♀	M	perf, parous			13,10			14,10				3-Wall
	1329	205	♀	M	up, nulip?	8,8			8,8		8,8				2-left in trap overnight 4-" " Wall 6-Wall
	1248	245	♀	M	up, parous			3,4	3,4				3,4		4-N.O.
N	1520	235	♀	M	up, parous				14,10		14,10		14,10		4-left-N.O., not new pet, ripped out 6-N
N	1522	250	♂	M	scrotal				11,8				11,8		5-left overnight
	1403	210	♂	M	scrotal					9,7			8,8		5-Wall
	1428	210	♂	M	scrotal					6,6	4,6		6,6		5-Wall 6-Wall
	1487	205	♀	M	up, parous				4,2		1,1		1,1		4-N.O. 6-Wall
	1126	275	♂	M	scrotal					1,1					5-Wall
	1486	320	♂	M	scrotal						6,4				6-Wall. Swollen wound on back.
	1438	250	♂	M	scrotal						8,5				6-Wall
	1238	185	♀	M	perf, parous						11,8				6-Wall
	1337	295	♂	M	scrotal						14,12				6-Wall
	1499	185	♀	M	up mill								15,15		

P. boylii - 01040
Pleurodeles - 01040

Rubble, D.O.

Hastings Reservation, Monterey Co., Calif.

Reid WE: Misc Spp.

Jan 2015 - April - Grid Data

Spp	No	Wt	Sex	Age	Bldg	Dec 1	2	3	4	5	6	7	8	9	Comments
						March 29 (PM)	March 30 (AM)	March 30 (PM)	March 31 (AM)	April 1 (AM)	April 1 (PM)	April 2 (AM)			
P. boylii	0140	21	♀	M	up, paras	15,14	15,15		15,15	15,15	15,15		15,13		
	012	24	♂	M	scrotal		16,15	15,15	16,15		16,14				
	01030	23	♂	M	scrotal		3,2								
	0240	22	♀	M	up, paras			16,14				16,15			
Scaphiopus	Cat# 952	55						14,12	Modality						
Taricha granulosa	0230	21.5	♀	M	up, paras		11,10		11,9	11,10	10,9	11,9	11,9	(11,9)	
	0300	24.5	♂	M	scrotal		10,7			10,7	10,7	10,7			
	0240	21.5	♀	M	up, multip		5,6	5,5	4,4	5,5	4,4	4,4	5,6		
	0410	27.5	♂	M	scrotal		3,4				5,6				
	0_20	23.5	♂	M	scrotal			4,3		4,3	4,3		4,3		I dressed wonder!!
(N)	01000	18.5	♀	M	up, multip				16,15				16,14		
(N)	01010	28	♂	M	scrotal					16,15			16,15		
(N)	01020	30	♂	M	scrotal					5,6					
(N)	01030	27.5	♂	M	scrotal						5,5				
	0200	26	♂	M	scrotal						14,12				
(N)	1040	26.5	♂	M	scrotal								5,6		

Ribble, D.O.
1994

Hastings Reservation, Millbrook, Columbia Co. NY

Journal - Grid Data

GRID WZ: Pleasant Lake Bottom, Millbrook, NY

Spp.	No	Wt	Sex	Age	Brdg	Dec	1 April 26 (pm)	2 April 27 (am)	3 April 27 (pm)	4 April 28 (am)	5 April 28 (pm)	6 April 29 (am)	7 April 30 (am)	8 April 30 (pm)	9 May 1 (am)	10	Comments
P. californicus	1515	41.5	♀	SM	lact, m-p		16,14	15,12		14,12	13,11		15,12	13,10	15,12		1-dusted RED 5-38g 7-38.5g, lact. Dusted.
(N)	1530	33	♀	SM	up, nullip		9,10		10:10	9,10	10,8	10,10	10,10				1-returned to lab
	1175	45.5	♀	M	perf, p-lact.		8,5	7,5	8,5	8,5	8,5	8,5	7,5	8,5	8,5		1-dusted GREEN 3-44g 4-43.5g, dusted. 7-42g, redusted
	1168	46.5	♂	M	scrotal		6,5	8,6	6,6	6,6	6,4	4,3	4,6	4,6	4,3		3-covered w/ fresh ORANGE
	1426	47.5	♀	M	perf, lact?		4,4	3,4		6,6	6,5		6,6	4,3			1-dusted ORANGE, no milk. 4-44g, lact 7-44.5g (no milk) 5-43.5g 8-45g, not lact
	1488	43.5	♂	M	scrotal		3,3	3,3	3,3	3,3			1,1				3-covered w/ BLUE-GREEN 7-returned to lab (to SPD acct)
	1429	42.5	♀	M	up, lact, preg?		3,2		3,2	3,3					3,2		1-dusted BLUE-GREEN 4-bait in trap - returned to lab. see SPD acct 9-43g
(N)	1539	31.5	♀	SSD	up, nullip		4,2			4,2		1,1	3,3	3,2	1,1		1-returned to lab - white-tailed 4-no sign of powder 8-faint GREEN or BLUE-GREEN on ears??
	0110	37	♂	M	scrotal			16,15		16,14	16,15		14,11	15,12	15,12		4-visible RED, covered 8-covered, fresh RED
	1518	36	♂	M	scrotal			11,9					10,8		9,7		7-purple visible on ears? 9-PURPLE all over clearly visible
	1500	41	♀	M	up, paous-p-l		9,7			11,9		9,8	9,7	9,7	10,8		2-dusted PURPLE 4-close to perf. 6-perf, sperm plug?? 7-40.5, redusted.
(N)	1541	28.5	♀	Im	up, nullip		6,6			5,5	7,5	5,5	8,6	5,5	6,6		2-returned to lab 4-ORANGE visible on ears!! 5-all over 6-perf, tail
	1485	38.5	♂	M	scrotal		8,5	7,5		4,3		9,7			8,6		3-covered w/ fresh GREEN
(N)	1542	30.5	♂	ZSD	TWD		6,5				4,6		4,3	4,3			2-returned to lab 5-no powder
(N)	1543	18.5	♂	Im	TWD		3,3	1,1			3,3	3,3			3,3		2-BLUE-GREEN visible on ears, returned to lab
	1503	45	♂	M	scrotal		1,1				8,1						
	1517	34	♂	SSD	TWD (elbow)					16,15		16,15			16,14		
(N)	1544	26.5	♀	SSD	nullip					16,14							4-returned to lab
(N)	1545	31	♀	SSD	nullip					15,15			15,15	16,15	16,15		4-returned to lab
(N)	1550	19.5	♀	Im	nullip					2,3	3,2	2,3	3,2	3,3			4-covered w/ BLUE-GREEN!
	1516	33	♀	M	Perf, nullip						16,14			16,14	16,14		
	1399	47	♀	M	Perf, paous preg?						2,1			1,1			5-coll. tail tip. Dusted BROWN 8-46g, redusted. 7-coll tissues, dusted RED
(N)	1549	54	♀	M	Perf, Pregnant!								2,1	2,1	3,1		8-47.5g BIRTH!! 9-49g Sperm Plug!!
	1505	37.5	♂	M	scrotal (bulb)								4,2				

(Count on Misc. Page)

30-

Closed - 1-11

"

20 - 111 - 02

111 111

111 - 02

Kubsch, D.O.
1999

January - March

Hastings Reservation, Monterey Co., California

GRID WIDE - P. truei ONLY

Spp.	No.	Wt	Sex	Age	Bldg	Dec 1	2	3	4	5	6	7	8	9	10	Comments
						April 26(Pm.)	April 27(Am.)	April 27(Pm.)	April 28(Am.)	April 28(Pm.)	April 29(Am.)	April 30(Am.)	April 30(Pm.)	May 1(Am.)		
P. truei	0430	32	♀	M	up, lact/preg	9,6	8,7	9,6		8,6	8,6	7,7	8,6	9,10		
	02040	25.5	♂	m	scrotal	5,5	2,3	3,4	2,3			1,2	2,3	4,6		
	02020	24.5	♀	M	pref, p-lact.	5,4	5,4	5,3	5,4	4,3	5,5	5,3	4,2	4,2		
	01030	26	♂	m	scrotal	5,3				5,3						5 thus one or below?
	02440	28	♀	M	pregnant	4,4	5,5	4,6	3,4	5,5	5,3	5,5	4,6	5,5		5-gave birth - need to weight. Caught by tail - OK 6 - 228, lact. 7 - lact?
	01030	26.5	♂	m	scrotal	3,4	3,2	4,2	6,4		3,2	4,2	3,1	6,4		2x 0130 ?? Maybe 0130 below ?
(N)	03100	13.5	♂	SAD	TOD	2,1	2,1	2,1	2,1	2,1	2,1	2,1				
	01130	30.5	♀	M	lact, up		15,15	16,15			16,15	15,13	16,15			
	0440	27	♀	M	pref, lact		15,12					15,11				
	040	24.5	♂	M	scrotal		13,12				15,12	16,15	16,15	12,11		9 - move!
	0230	23.5	♂	m	scrotal		10,9	13,12		13,12	13,12					
	0130	28.5	♂	M	scrotal		7,6		7,6		8,7	8,7	8,7	8,7		
	02220	27	♀	M	up, mullys		4,2			4,2	4,2	3,1	4,2			
	013	28	♂	m	scrotal			10,7			10,7	9,6				r eye, socket infected, Real bones cracked ??
	0310	28	♀	M	up, lact.			10,10	10,6	10,6	10,10	7,6		7,6		3 - 10,6 9 - post-lact.
	02300	23.5	♂	m	scrotal			6,4	6,5		4,2		5,4	4,2		
	03050	23	♂	m	scrotal				15,13		15,14					
	0440	26.5	♀	M	lact, up				15,12							
	02230	25	♂	m	scrotal				2,1			2,2	2,2			
	01400	24	♂	m	scrotal					15,15	15,14			15,15		
	02440	24	♀	M	up, parous. p-lact?					2,3	1,2			2,2		
	0120	36.5	♀	M	lact, preg							13,11		14,13		
	01000	23.5	♂	M	scrotal							10,7		10,7		
	02420	25	♀	M	lact									13,10		

Count on Mice page

Kissling Observation, Monterey Co., Calif.
GRID WZ: N. fuscipes only
Lasiurus, D.D.
1989
Lowe Ranch - WZ grid data

Spp	No	Wt	Sex	Age	Bldg	Dec 1	2	3	4	5	6	7	8	9	10	Comments
						April 26 (pm)	April 27 (Am)	April 27 (pm)	April 28 (Am)	April 28 (pm)	April 29 (Am)	April 30 (Am)	April 30 (pm)	May (Am)		
N. fuscipes	1424	240	♀	m	lact		15,13			15,15			15,14			5 - natl overnight. left axe scarred 8 - " " "
	(a) 1540	230	♀	m	up, post-lact		15,14									
	1321	315	♂	m	scrotal	15,15		15,15					15,15			1 - left - natl overnight 3 - left overnight, natl 8 - natl ON
	1520	225	♀	m	lact	14,10		14,10		14,10		14,10	14,10			1 - natl overnight 3 - ditto 5 - ditto 8 - natl overnight
	1522	260	♂	m	scrotal	11,8		11,8		11,8		11,8	11,8			1 - left overnight 3 - ditto 5 - ditto 7 - natl 8 - natl overnight
	1328	220	♀	m	lact	9,7										1 - natl overnight
	1329	210	♀	m	lact	7,7										1 - left overnight
	1428	240	♂	m	scrotal		6,6	6,6						6,6		2 - natl 3 - natl overnight 7 - natl
	1322	215	♀	m	lact	8,5			8,5	8,5		8,5	8,5			1 - natl overnight 4 - natl 8 - overnight 5 - " " 7 - natl
	1448	225	♀	m	lact	6,4	6,4			6,4		6,4	6,4			1 - natl overnight 3 - ditto 5 - ditto 7 - natl 8 - natl overnight
	1176	250	♂	m	scrotal	6,1	1,1			1,1		1,1	1,1			1 - natl overnight, wrinkles (1) on thumb 7 - natl 3 - ditto 5 - overnight, natl 8 - ditto
	1499	205	♀	m	lact		15,15			15,15		15,15	15,15			3 - left natl overnight. left ear tacked 5 - ditto 7 - natl 8 - natl overnight
	1339	235	♂	m	scrotal		[illegible]	14,13		14,13						4 - natl 5 - natl overnight
	(b) 1546	130	♀	lac	nullip				5,3			5,3	5,3			8 - overnight
	(a) 1547	210	♀	m	up, lact					7	15,15					
	1483	225	♀	m	up, lact						12,10	12,10				
	(a) 1548	220	♀	m	up, lact						10,10					
	1230	240	♀	m	up, lact					10,8		10,8	[illegible]	11,8		5 - left overnight
	1169	280	♂	m	scrotal						3,4	3,4	3,4			6 - natl 7 - natl 8 - natl overnight
	1337	300	♂	m	scrotal							[illegible]	11,8			8 - natl overnight
(b)	1552	535	♂	lac	nulip									8,5		TCW4

P. baylii - 01120
P. wrogna Hua - 01100

Libbus, D.A.
1984

Journal - Grid Data

Kashuga Reservation, Mombasa Co., Kenya

Grid W2: Misc Species

Spp	No	Wt	Sex	Age	Bridge	Dec 1	2	3	4	5	6	7	8	9	10	Comments
						April 26 (pm)	April 27 (Am)	April 27 (pm)	April 28 (Am)	April 28 (pm)	April 29 (Am)	April 29 (pm) scan	April 30 (pm)	May 1 (Am)		
P. baylii	0240	28	♀	M	preg		16,15	16,15	16,15	16,15	15,13					
(w)	01040	26	♂	M	scrotal		16,14				16,14			15,15		
(x)	01100	25	♀	M	up, placau?				10,10	9,10						
	01020	25	♂	M	Scrotal				10,10		10,10					
	01010	23	♀	M	up, lact						15,15	16,12	15,14			
	01030	22.5	♂	M	scrotal						2,3	2,3				
(z)	01110	24	♂	M	scrotal							15,13	14,12			
	0320	30.5	♂	M	scrotal							15,15		16,15		
P. wrogna Hua	0230	23.5	♀	M	lact, up		11,9	11,9	11,9	11,9	11,9	11,9	11,9	11,10		Readily moves
	0240	33	♀	M	pregnant		6,6		5,6			4,5				3 - 33.5g. 7 - lact.
	0410	27	♂	M	Scrotal		3,4									
	0380	25	♂	M	Scrotal			10,7		10,7						
	0290	26.5	♂	M	Scrotal						15,12	14,12		14,12		
(v)	01100	24.5	♂	M	Scrotal									7,7		
M. cryptus (a)	010	29	♂	Em	TWD							16,15				
P. calfpurnius (w)	1555	405	♂	M	Scrotal									2,1		1 - covered in visible RED. returned to truck to bleed.
P. turio	03000	29	♀	M	up; placau pos; lact?									1,2		lower g toe # 02000

Hastings Reservation, Monterey Co., Calif.

GRID W2: P. californicus only

LIEBLS, D.O.
1989

LOUISIANA-GRID DATA

Spp.	No	Wt	Sex	Age	Bridg	Dec 1	2	3	4	5	6	7	8	9	10	Comments
						May 31 (Pm)	June 1 (Am)	June 1 (Pm)	June 2 (Am)	June 2 (Pm)	June 3 (Am)	June 3 (Pm)	June 4 (Am)	June 5 (Am)		
P. californicus	1515	37	♀	M	perf, p-l	15,14	16,14		15,12		16,14		15,13	16,15		1-Dusted Red 2-35.5 7-39 4-35.5g 6-34g, redusted, lact
↓	1518	38	♂	M	scrotal!	10,8		8,7	11,9		11,9	10,7	10,8	10,8		1-Testes huge 3-covered w. tan purple
	1500	43	♀	M	imperf, p-l ~~preg~~ pregnant?	9,7	11,9		12,10		12,10	12,10	11,9	12,10		1-Dusted purple 4-39.5g, lactating 2-39g, gave birth? 6 lact, redusted 7-37.5g
	1485	39	♂	M	scrotal	8,6		7,7					10,6	8,6		
	1118	45	♂	M	scrotal	6,6	4,2		6,5	6,5			5,5	4,4		2-44.5
	1538	32	♀	EM	imperf, null.	6.5	5,5	7,6	6,6		6,5	6,5	7,6	6,6		2-31.5
	1488	42	♂	M	scrotal	3 2	2,3		4,2		1,1	2,1		3,4		7-faint red in ears ??
	1539	34.5	♀	EM	imperf, ~~null~~ nullip	3 1	4,4		1,1		3,3	3,3	3,2	3,2		
	0110	36.5	♂	M	scrotal		16,15	16,15	13,11	16,15	16,15	16,15	16,15	15,12		2-Red visible in ears 3-covered with red
(N)	1613	20.5	♀	imm	imperf, null.		15,15		16,15				16,14	16,14		2-bled at truck 8-Red visible in Ears, tail, nose
	1175	45	♀	M	lact.		8,6		8,5							2-Dusted green 4-43g, lact
	1541	34	♀	SAD	imperf, null		7,6		7,6			6,5		6,5		
	1549	~~41~~ 34.5	♀	M	perf, par.		2,1		2,1		3,1	3,1	3,2	2,1		2-Dusted Red 7-39 4-40g 6-38g Redusted
	1550	23	♀	SAD	imperf null		3,2	2,3	2,3	3,3	2,3	2,3	4,2	2,3		9-Golden Brown visible in ears ?? prob lact
	1503	43.5	♂	M	scrotal				2,3		2,3					
↓	1399	42	♀	M	lactating								2,3	1,2		8-dusted Golden-Brown
P.C.	1553	37	♂	M	scrotal								2,1			
Perognathus (N)	01140	22	♂	M	scrotal									1,3		
Perognathus	0410	28	♂	M	scrotal									7,7		
P. truei	02300	23	♂	M	scrotal								4,5			
PF (N)	03300	16	♀	SAD	imp, nullip									14,13		
Perognathus (N)	01130	19	♂	EM	TND									4,5		
N. fuscipes (N)	1639	89	♂	M	TND								2,1			
	1403	235	♂	M	scrotal									9,7		9-adult

New - ~~03300~~ 03310

Spp.	No	Wt	Sex	Age	Body	May 31 (PM)	June 1 (AM)	June 1 (PM)	June 2 (AM)	June 2 (PM)	June 3 (AM)	June 3 (PM)	June 4 (AM)	June 5 (AM)		Comments
						Occ 1	2	3	4	5	6	7	8	9	10	
P. trueiⓃ	03110	21.5	♂	EM	TND	10,10	10,10	9,10	9,10		10,9		11,10	9,8		
↓ Ⓝ	03120	15.5	♀	ESAD	imperf, null	9,10					9,10			9,10		
	01030	29	♂	m	scrotal	4,4	3,1	4,2	4,4		3,2	5,5	4,4	4,2		2-28g
	02410	21	♀	m	imperf, null	4,3	5,6	3,3	5,4		5,4	5,4				2-20.5
	02040	24	♂	m	scrotal	3,3	2,3					4,5	4,4			
	03130	17	♀	imm	imperf, null		15,15						15,14			
	03140	15.5	♂	E-sad	TND		15,12				14,11					
~~P. bonti~~ →	~~03200~~	~~17.5~~	~~♂~~	~~sad~~	~~TND~~		~~15,11~~		~~15,13~~		~~15,13~~					5-20.5
	0230	21.5	♂	m	scrotal		13,11		14,10	14,10	11,10	11,10				
	0120	33	♀	m	lact, pregnt.		12,11		13,12		13,12					
	0130	26	♂	m	scrotal		9,10		8,7	8,7	10,10	8,7	7,6	9,10		
	0310	29.5	♀	m	lact.		10,6		10,6		10,7		9,8	7,6		8-post-lact
	0300	27.5	♀	m	lact		1,2									
	02230	26	♂	m	scrotal		1,1					1,1		4,1		
	01400	24	♂	m	scrotal				16,15		16,15	16,15		16,15		
	03210	20.5	♂	M	scrotal						14,13		15,12	15,12		6-4,13.
	0430	30	♀	M	imp, paous, ♀-lactating						7,6	7,6	8,7	7,5		
	02000	26	♀	M	imp, lactating						2,2		2,2	2,2		
	03220	16.5	♀	Imm	imp, null							16,14				
	0140	26.5	♂	m	scrotal							1,3				
	03230	19	♂	Im	TND								14,12	15,11		
	03240	19	♀	SAD	imp, multiparous								14,11			
	01000	22.5	♂	M	scrotal								8,7	8,7		

(Continued on page)

P. californicus

Hastings Reservation, Monterey Co., Calif.
SPECIES: P. trueiⓃ

LIBBLE, D.O.
1984

Journal - Grid Data

$2^{2^{2}}$

Zisbe, D.D.
1989

Hastings Reservation, Monterey Co., Calif.

GRID WP: N. fuscipes only

Journal - GRID Data

Spp.	No	Wt	Sex	Age	Bldg	Occ	May 31 (Pm) 1	June 1 (Am) 2	June 1 (Pm) 3	June 2 (Am) 4	June 2 (Pm) 5	June 3 (Am) 6	June 3 (Pm) 7	June 4 (Am) 8	June 5 (Am) 9	10	Comments
N. fuscipes	1424	195	♀	m	perf, par.		15,13			16,12	15,12		13,14		15,13		1-left overnight 5-left overnight 7-Natl overnight
↓	1339	240	♂	m	scrotal		15,14				15,14			15,13			1-left overnight in natl 5-ditto
	1547	245	♀	m	imperf, par		15,15		15,15		15,15		15,15		15,15		1-left overnight in natl 3-ditto 5-ditto 7-ditto 9-Natl
N	1614	110	♀	imm	imperf null		14,12		14,10		14,10		14,10		14,10		1-left overnight 3-ditto 5-ditto 7-ditto 9-Natl
	1520	225	♀	m	imperf, par.		14,10		14,10		14,10		[illegible]	13,10			1-left overnight in natl 3-ditto 5-ditto 9-Natl
	1483	195	♀	m	imperf, par.		11,10			11,8			11,9				1-left overnight 4-Natl 7-overnight
	1396	235	♀	m	imperf par		11,8		11,8	[illegible]	11,8		11,8		11,8		1-left overnight 3-overnight Natural 5-ditto 7-ditto 9-N
	1337	290	♂	m	scrotal		?	11,8									
N	1615	140	♂	sad	TND		9,7			8,6	[illegible]	[illegible]	8,6		8,6		1-left overnight in natl 5-overnight Caught in same trap as 1322 7-overnight
	1522	215	♀	m	perf, par		9,7		10,8				10,7				1-left overnight in natl 3-overnight 7-overnight
	1329	255	♀	m	lact.			7,7	7,7		6,6						3-overnight 5-Natl overnight
	1428	230	♂	m	scrotal		6,6		6,6				5,6		6,6		1-left overnight in natl 3-ditto 7-overnight
	1167	315	♂	m	scrotal		8,5			8,5	9,7		9,7		8,5		1-left overnight in natl 4-Natl 5-Nat overnight 7-ditto 9-N
	1341	220	♀	m	lact.			5,6		5,6							
	1448	250	♀	m	imperf, par		6,4			6,4	6,4		6,4				1-left in natl overnight 5-ditto 7-ditto
	1546	180	♀	Em	imperf null		4,3		4,3		4,3		5,3		5,3		1-left overnight in 3-ditto 5-ditto 7-ditto
	1253	270	♀	m	imperf, par			4,3	4,3		4,3						3-overnight 5-ditto
	1248	225	♀	m	imperf, par			3,4	3,4			1,1					2-caught in natl 3-Natl overnight 6-Natl
N	1616	265	♂	m	Scrotal			1,1						1,1			2-caught in natl [illegible] 1-Natl 8-N
	~~1626~~ 1616	265	♂	m	scrotal			1,1		1,1				1,1	1,1		2-caught in natl tag ♀ 1-Natl 4-Natl 9-Natl
N	1617	195	♀	Em	imperf null			2,1				1,1			1,1		6-Natl 9-Natl
	1236	200	♀	M	perf, par.					9,7				10,6			
	1552	145	♂	SUAD	TND					8,5	8,5		8,5		8,5		4-Natl 5-Natl overnight 7-Natl overnight
	1486	325	♂	m	scrotal					6,4			6,4		6,4		4-Natl 7-Natl overnight 9-Natl

Perognathus C154
Perognathus - ~~0450~~ 01200

Kibble, D.O.
1994

June 5 (Am)
June 4 (Am)
June 3 (Pm)
June 3 (Am)
June 2 (Pm)
June 2 (Am)
June 1 (Pm)
June 1 (Am)
May 31 (Pm)

Abbey Reservation, Mohave Co., Calif.
GRID #2: Misc. Species

Spp.	No	Wt	Sex	Age	Body	Occ 1	2	3	4	5	6	7	8	9	10	Comments
P. baylii	01020	23	♂	M	scrotal						4,5		4,5			
↓ (R)	03200	17.5	♂	SAD	TND		5,11		5,13		5,13		5,13			
↓	0240	26	♀	M	up, P-1									6,14		
P. baylii (R)	01120	~~20.5~~	♀	~~SAD~~	nullip									4,2		← 9 - 4,3 5 - overnight 7 - overnight
N. fuscipes (R)	1633	160	♂	SAD	TND					4,2		4,2		4,2		
	1322	185	♀	M	up, parous					8,5	♀		8,5	8,5		5 - nail overnight 9 - Nail
Neotoma 'W'	1628	285	♂	M	scrotal						13,10			11,8		6 - Nail, not new, pat ripped out 9 - Nail
(R)	1629	90	♀	Lac	nullip					12,12	♀		12,10			5 - overnight
(R)	1630	100	♀	Lac	nullip						11,8	11,8		11,8		7 - overnight
(R)	1631	105	♀	Lac	nullip						8,8		8,8	9,8		
	1502	180	♀	M	up, parous, pl					5,5		6,6				5 - overnight 7 - Nail overnight
↓ (R)	1632	110	♂	Lac	TND					3,4		3,4		3,4		5 - Nail overnight 7 - ditto 9 - Nail
Perognathus	0240	32	♀	M	Peregrat., imperf	2,3	3,3	3,3	3,3	3,3		3,3		~~3~~		
↓	0230	26	♀	M	lact		8,6	7,7	9,6		10,6		9,6	10,6		
↓ (R)	01110	10.5	♀	Lac	nullip				7,6							
N. fuscipes	1321	305	♂	M	scrotal							15,15		15,14		7 - left overnight 9 - Nail
↓ (R)	1635	115	♀	M	up, nullip							12,10				7 - overnight
↓ (R)	1636	75.5	♂	Lac	TND							11,8		11,9		7 - Nail overnight
Stenocranius	Cat# 9516	4	♀		nonbreeding				9,7							
"	040	4.5	♂	M	non								9,7			Alive
Perognathus (R)	01120	26	♂	M	scrotal								1,3			
Microtus (R)	020	48.5	♂	M	scrotal		10,10		15,12		13,11			14,14		
Perognathus	01040	26	♂	M	scrotal								5,6	3,4		
N. fuscipes (R)	1637	125	♂	Lac	TND							4,3		4,3		4 - overnight
↓ (R)	1638	75	♀	Lac	nullip							3,4				7 - Nail overnight

Eisele, D.D.
1989

Hastings Reservation, Monterey Co., Calif.

Breeding Records: P. californicus

Spp	ado	wt	Sex	Age	Body	Dec	June 30 (Am) 1	June 30 (Pm) 2	July 1 (Am) 3	July 1 (Pm) 4	July 2 (Am) 5	July 3 (Pm) 6	July 4 (Am) 7	8	9	Comments
P. californicus	1613	26	♀	Sad	Imp, null		16,14	16,14	15,13	16,14		16,14				2-25g 3-25g (15,13) 4-23g 6-24.5g
	1515	38.5	♀	M	Imp, par		15,14			14,12	13,11	15,12	15,12			7-31g 1-Dusted RED, radio collared Channel 7 4-36g Removed radio collar 5-35.5 6-35g 2-36g. Covered w/ RED 3-37g 6-36.5g 7-34g
	0110	37.5	♂	M	Scrotal		15,12	15,12	15,12			15,13	15,12			
	1518	36.5	♂	EM	Scrotal		13,10	10,7	12,10		10,7	13,10	9,8			2-36g. Covered w/ PURPLE 3-36.5g 5-36g. 6-34.5g 7-33g 1-col tissues of trach & release 3-23g 6-22.5g
(N)	1662	24	♀	Imm	Imp, Null		10,8		11,9			10,8				1-Dusted Purple, radio collared Ch 18 6-36.5g, removed collar 7-37.5g
	1500	40	♀	M	Imp, p-l?		10,7			9,6		9,8	8,7			3-36g 6-36.5g 7-34g
	1541	37	♀	M	Imp, null		7,5		6,6			7,5	8,6			
	1538	35	♀	M	Imp, null		4,3	6,6	7,5	7,5	8,6	4,3	6,5			2-34g 3-32g 4-32g 5-32 6-38.5g 7-31.5g
	1550	29	♀	Sad	Imp, null		3,3	4,3	3,4	3,2	7,7	12,10	1			3-29g 4-28g 5-29.5 6-28.5g
	1118	45.5	♂	M	Scrotal		3,3	4,3	5,5		6,5	8,6	7,5			2-44g 7-43.5g 3-45g 5-43.5g 6-41g
	1488	44	♂	M	Scrotal		1,3				3,2	2,2				2-43g 5-48g 6-40g
	1539	34	♀	EM	Imp, null		1,1	3,2	2,3	2,3	1,1	3,2	3,3			2-31g. 3-31g 4-30.5g 6-30g 5-30g. 7-28.5g
	1485	36	♂	M	Scrotal			8,5	8,6		7,5	8,6				3-37g 5-37.5g 6-36.5g green marks in EARS and Tail
	1540	43	♀	M	Imp, parous			7,1								2-Dusted RED, Radio collared Ch. 2
	1516	38.5	♀	M	parous, Imp				16,15	16,15	16,14					4-31g 5-34g.
	1175	44.0	♀	M	Imp, parous				8,5							3- radio collared ch 16 dusted green
(N)	16605	20	♂	Im	TND						10,10					5-covered w/ PURPLE
	1503	43.5	♂	M	Scrotal						12,6	14,12	4,4			7-40g
(N)	16609	28.5	♂	Imm	TND						4,4		3,4			5-covered w/ RED Feet swollen? 7-28.5g
(N)	16619	18	♀	Im	null-p						6,3					5-no obvious pouch
	1553	40	♂	M	Scrotal								2,1			
												13				

P. truei - 0342D

Rabbits DO 1996

Habitat Restoration / Monterey County HCP: P. truei

Spp | No | Wt | Sex | Age | Bldg | Occ | June 30 (Thu) 1 | June 30 (Thu) 2 | July 1 (Fri) 3 | July 1 (Fri) 4 | July 2 (Sat) 5 | July 3 (Sun) 6 | July 4 (Mon) 7 | 8 | 9 | Comments

P. truei (N) | 03310 | 16.5 | ♀ | Im | Null | | 16,15 | | | | | 15,14 | | | | |
↓ | 03130 | 20.5 | ♀ | SAD | imp, nullip | | 15,14 | | | | 15,15 | 15,14 | 15,15 | | | |
	03220	18.5	♀	SAD	imp, nullip		15,15				16,14	16,14	16,14			
	03230	16.5	♂	Sad	TND		14,11		15,11		15,13	15,13	14,13			
(N)	03320	15	♂	L Imm	TND		13,12		14,11		13,11		14,11			
	02300	22	♂	m	scrotal		13,12			13,12			13,11			
(N)	03330	12.5	♀	Imm	Imp, null		11,10	10,10			11,10		10,9			
	03010	22.5	♂	M	TND		11,9									
	03120	17	♀	LSad	Imp null		9,10	9,10	9,10		10,10	9,10	10,10			
	03340	15	♀	Imm	null		9,8									
	01130	26.5	♂	m	scrotal		8,7		6,5	8,8	6,5	7,6	7,6			
	01430	31	♀	m	Imp, plat.		7,6	6,6	7,6	7,6	7,6	7,6	8,8			
	03110	27	♀	M	Perf, p-l		8,5	10,6	10,7	10,6	8,5	10,6	7,5			
	01030	28.5	♂	M	scrotal		5,3	5,6				4,6	5,4			
	02413	21.5	♀	M	Imp, null		4,6	4,4	4,6	4,2	6,4	3,3				
	02040	25	♂	M	scrotal		3,4	3,3	4,4	5,4	4,6	5,6	3,2			
(N)	03340	14	♂	Imm	TND		2,3	2,3	8,7			3,7 8,7	2,3			6 - 2 mice of 0 3340 yes one ♂ 7 - 14g ! ♀
	03110	23	♂	EM	TND (close)			9,8	10,10		9,6	10,9	10,8			
	01400	23.5	♂	M	TND (close)				16,15	16,15	16,15		15,15			
P. b.	03200	19.5	♂	EM	TND				15,13				15,13			
	03300	19.0	♀	SAD	Imp, nullip				14,13		13,12	13,12	12,12			
	01000	22.5	♂	M	scrotal				8,6		10,6		10,6			
	01030	26.5	♂	M	scrotal				5,4		4,4					
(N)	03400	13.0	♂	Imm	TND				5,6	7,5	7,5	6,5	6,6			

Continued under Bldg

Kessler, D.O.
1989

Journal - Grid Data

Hastings Reservation, Monterey Co., Calif.

GRID WE: P. twei and N. fuscipes (Page 2)

Spp	No	Wt	Sex	Ag	Bldg	Dec 1	2	July 1 (Sun) 3	July 1 (Mon) 4	July 2 (Mon) 5	July 3 (Tue) 6	July 4 (Wed) 7	8	9	Comments
P. twei	03000	zz	♀	M	lmp, parous			2,3		2,3	2,2	2,2			
↓	02230	25	♂	M	Scrotal			1,2		2,3	2,3	1,2			
	02440	24	♀	M	perf, ~~Post~~-lact			2,1		2,2	1,2	2,2			6-22g, eact.
	03240	19	♀	Sm	imp, nullip					14,11					
	(N) 03410	14.5	♀	Im	imp, nullip					3,3		3,2			
	03420														
(cont on next page)	03200	26.5	♂	m	scrotal							16,15			
	02430	22.5	♂	m	Scrotal							13,10			
	(N) 03340	14	♀	Imm	null			8,7			8,7	8,6			
	2420	24	♀	~~Pim~~ M	p-l perf							8,5			
	02300	22	♂	m	Scrotal						10	6,5			
N. fuscipes	1639	135	♂	SAD	TWD		1,1				1,1	1,1			
↓	1617	190	♀	M	imp, parous	1,1				1,1	1,1	1,1			2-Natl overnight 6-Natl, 5-Natl 7-Natl
	5491	200	♀	M	imp, p-lact					9,10					
	1630	150	♀	Sm	imp, nullip					11,9	11,8	11,8			
	(N) 1666	195	♂	Sm	TWD				5,5		4,4	3,3			4-left overnight
	(N) 1667	160	♂	Sm	TWD					4,6	4,6	4,6			
	1249		♀	M	imp, parous					3,4					Need list 5-Natl 6-Natl
	1321	320	♂	m	scrotal						15,15				
	1629	110	♀	Sad	null, imp						12,10	12,10			
	1167	330	♂	M	Scrotal						25				
	1522	290	♂	M	Scrotal							23 9,7			
	1322	210	♀	m	Imp, par							9,7			

2007

Risser, D.D.
1989

Washington Reservation, Wahkiakum Co., Cathlamet
Grid WIZ: N. Russians

Spp	No	Left	Sex	Age	Body	Occ	June 30 (Am) 1	June 30 (Pm) 2	July 1 (Am) 3	July 1 (Am) 4	July 2 (Am) 5	July 3 (Am) 6	July 4 (Am) 7	8	9	Comments
N. Russians	1547	200	♀	M	Imp, par		15,15	15,15		15,15			15,15			1-Natl, 2-left overnite in Natl 4-Natl overnight 7-Natl
↓	1483	200	♀	M	Imp, par		12,10									
	1628	305	♂	M	Scrotal		13,10									1-Natl
	1520	240	♀	M	Imp, par		14,10		14,10		14,10					1-Natl 3-Natl 5-Natl
	1614	150	♀	EM	Imp, null		14,10	14,10	[illegible]			14,10	14,10			3-left overnite 6-Natl 7-Natl
	1635	135	♀	Sad	Imp, null		12,11		12,11		12,12	12,11				
	1636	110	♂	Imm	TND		11,9	11,9		11,9		11,9	11,9			2-left overnite 4-overnight
	1238	215	♀	M	Lact		10,8	9,8		10,8						2-left overnite 6-Natl 4-ditto
	1396	220	♀	M	Imp, par		11,8	11,8		11,8		11,8	11,8			2-left overnite in Natl 7-Natl 4-ditto
	1329	220	♀	M	Imp, p-l		6,6					6,6				6-Natl - right front foot damaged
	1409	265	♀	M	Imp, p-l		8,5	8,5		8,5		2,5	8,5			2-left overnite in Natl 4-ditto
	1428	240	♂	M	Scrotal		5,6		6,6		5,6		6,6			Natl left front leg damaged
	1253	275	♀	M	Imp, par		5,3	4,3								2-left overnite
	1566	195	♀	EM	Imp, null		4,3		3,2	2,1		2,1	4,3			4-left overnight
	1632	155	♂	EM	TND		3,4	3,4		3,4		3,4	3,4			2-left overnite 6-Natl 4-overnight 7-Natl
	1126	270	♂	M	Scrotal		1,1	1,1				1,1	1,1			2-left overnite in Natl 6-Natl 7-Natl
	1637	165	♂	EM	TND		4,2	4,2		4,2		4,2	4,3			2-left overnite 4-ditto
	1633	215	♂	M	TND close		4,2		4,2							
	1339	250	♂	M	Scrotal				15,14		15,14	15,14				3-Natl (3-15,15) 6-Natl 5-Natl
	1552	170	♂	EM	TND			9,7			9,7	10,7	10,7			2-left overnite
N	1663	110	♀	Imm	nullip			8,8								2-left overnite
N	1664	130	♂	Imm	TND				8,8			8,8				
	1448	215	♀	M	lact.			6,4			6,4	6,4				3-left overnite in Natl 5-Natl
	1638	110	♀	Imm	Imp, nullip			3,4				3,4	3,4			2-left overnite in Natl

No	Wt	Sex	Age	Brdng	June 30	July 1
1639	135	~~♂~~	SAD	TND		1,1
1617	190	♀	M	Imp, parovs	41	

left overnite in Natl

RIBBLE, D.O.
1984

JOURNAL - GRID

Hastings Reservation, Monterey Co., Calif.

GRID WK: Mise Species

SOP	No	Wt	Sex	Age	Body	Dec 1	2	3	4	5	6	7	8	9	Comments:
						June 30 (Am)	June 30 (Pm)	July 1 (Am)	July 1 (Pm)	July 2 (Am)	July 3 (Am)	July 4 (Am)			
P. Gray.	01130	23.5	♂	M	scrotal	15,15	16,15								
(N)	01140	19	♂	M	TND	9,10		9,10		9,7					
(N)	01200	29	♀	M	up. pawns					16,15	16,15	16,15			
	01039	22.5	♂	M	scrotal							1,3			
	03100	20	♂	M	TND (close)							2,1			
Microgn. old.	(N)	020	38	♀	M	Imp. par						14,11	13,11		
	02440	24	♀	M	Ant. pawn				2,1		(embed on Pt. M)				
	02230	25	♂	M	scrotal				1,2						
? Grimes	03000	22	♀	M	Imp. par				8,8						
Pauxillus	(N)	01200	22	♂	M	TND (close)	14,12		16,14	15,12			16,13		
(N)	01210	13.5	♂	Imm	IND	8,7							8,7	8,7	
(N)	01220	17	♂	Im	TND	6,6		7,7					6,6	7,7	
(N)	01230	26	♂	M	TND	6,5						4,2			
	01040	26.5	♂	M	Scrotal	4,4							4,5		
(N)	01240	110	♂	Im	TND			7,7							
	01130	24.5	♂	M	TND			11,10		11,10			11,10	9,10	
(N)	01300	21.0	♂	M	scrotal			8,3		8,3			8,3	8,3	
	03002	24.0	♂	M	scrotal					7,6					
(N)	01310	24.5	♀	M	pawns					8,4					
	01104	23	♂	M	scrotal								7,7		
(N)	01320	19.5	♂	Sub	TND									12,10	
(N)	01330	25.5	♀	M	preg.									5,6	
P. Hanni	0440	25	♂	M	Scrotal									2,3	

~~01340~~
01340

CE

PCWZU

Cof A

Ribble, D.O. 1989

Dusted Blue = P. californicus / Monkey Lab

GRID WE: P. californicus only

Longitudinal-grid Data

Spp.	No	wt	Sex	Age	Bldg	Rec	July 27 (Pan) 1	2	July 29 (Aku) 3	July 30 (Aku) 4	July 31 (Aku) 5	Aug 1 (Aku) 6	7	8	9	10	Comments
P. californicus	0110	38	♂	M	scrotal		15,12	16,14	15,12	15,12	15,12	16,14					2-37g. Rad vouble ear. 3-35.5g 4-34.5 5-32.5g 6-32g
X	1515	39	♀	M	lap, parous		15,12	13,11			16,14	15,12					1-Dusted Red 5-36.5 6-35g
X	16605	23.5	♂	ESAD	TWD		10,8		11,9	10,7							3-21 4-21.5
X	16602	29	♀	SAD	nulip		10,8	11,9	10,9	10,9	12,10	11,9					2-28.5g 3-24g 4-24.5 5-22 6-23.5g
X	1518	38	♂	M	SCrotal		9,7	10,8	10,8	9,7							2-36 3-35.5g 4-32.5g
X	1541	39.5	♀	M	lap, nulip		6,5	7,6	6,5	6,5	8,6	8,6					2-39.5g 3-37.5g Dusted ORANGE 4-36g 5-30g 6-~~36.5~~ 33.5
X	1538	36.5	♀	M	lap, nulip		5,3	7,5	7,5	7,5	6,5	6,5					2-36.5g 3-34.5(?) - dusted GREEN 4-32g 5-30.5g 6-30.5
X	1118	46	♂	M	scrotal		5,3		4,4	5,3		7,6					3-40g 4-40.5 6-41.5
R	17806	29.5	♂	EM	TWD		3,3			3,3	3,3	3,3					1-returned to lab White tail tip. 4-26g 5-25g 6-24.5g
X	1550	31	♀	EM	lap, nulip		3,4				2,3						5-29.5g.
X	16609	23.5	♀	SAD	nulip		1,2		1,3	1,2	1,2	1,2					3-24g 4-21g 5-20.5 6-20g
X	1539	36.5	♀	M	lap, parous(?) NO		1,1		1,1	3,2							3-31.5 4-30g
X	1503	42.5	♂	M	TWD (regress)		3,2		3,2			3,3					3-~~35~~ 6-40g
X	1613	27	♀	SAD	nulip			16,15	15,13	16,14	16,15						3-26, covered w/ RED 4-24.5g 5-23.5g
X	1485	34.5	♂	M	TWD			8,6	7,5	8,6		8,5					3-37g 4-35 6-35g
X	1500	38.5	♀	M	lap, parous				8,7		8,7	11,9					3-dusked PURPLE 5-37.5g 6-36g
X	1175	42	♀	M	lap, parous				8,5			8,5					6-40g
X	1553	38	♂	M	TWD (regress)				2,1	2,1		3,2					4-36g 6-34.5
X	1549	40.5	♀	M	lap, parous					2,1	2,1						5-38.5g
X	16608	29.5	♂	SAD	TWD							2,1					

Longitudinal-grid Data
5.66, 27
5.5, 26
5.33, 17.33
4.66, 18.66
5, 16
4.33, 11.33
4.66, 10
4.25, 8.25
3, 5
2, 5
1.8, 2.2
3.33, 2
3.66, 4.33
4.5, 29
5.25, 12.25
4.33, 15.66
6, 12
4, 2.66
4, 2
4, 2

18

1 - ||||

31 - |||| |||

35 second - |||| ||||

21st second - |||| |||

New ~~1340~~ 04020

Tibble, D.O. 1989

Hastings Reservoir, Monkey Co., Calif.

Grid WE = P. trivei only

Hastings Reservoir - Grid Data

Spp.	No	Wt	Sex	Age	Bridg	Dec	July 27 (Fri) 1	July 28 (Sat) 2	July 29 (Sun) 3	July 30 (Mon) 4	July 31 (Tue) 5	Aug 1 (Wed) 6	7	8	9	10	Comments
P trivei	0040	23	♂	M	scrotal (banded)		16,13	16,13									2-23.5g
↓	03330	14	♀	Imm	nullip		10,10	10,10	10,10	11,10	12,10	14,11					
	03340	15	♀	Im	nullip		9,10			9,10	9,10	9,10					
	03400	16	♂	Im	TWD		5,5	6,5	5,5	6,6	6,5	5,5					
	0430	28	♀	M	up, p-lact		5,6		7,6			7,6					
	02040	23	♂	M	TWD (regressing)		5,6	5,6	5,6	5,6	4,6	4,5					
(b)	03420	14	♂	Im	TWD		2,3		3,3	1,3	2,3						
(W)	03430	13	♂	Im	TWD		1,1	2,2	2,2	2,2		2,2					
	01030	28	♂	M	scrotal		3,1		6,4	5,4	3,2	3,1					
	03220	18.5	♀	ESAD	nullip			16,13	16,15	16,15	16,15	16,15					
	03230	18	⚥	SAD	nullip	TWD		15,13	16,14	16,14	15,12	16,12					
	03130	20.5	♀	M	up, parous			15,14	15,15		15,15	15,14					
(N)	03440	14.5	♀	ESAD	nullip			15,12	15,11	15,12	14,11	15,12					
	03120	16.5	♀	EM	nullip			12,12	10,10	10,10	11,10	14,13					
	0130	24	♂	M	scrotal			9,10	9,10	7,6	7,6	7,7					
	0420	27.5	♀	M	up, p-l			7,6									Maybe 0430?
	02410	21.5	♀	M	up, parous			5,3	1,3	5,5	5,4	5,4					# 02413
(N)	04000	14.5	♀?	ESAD	nullip			4,4	5,4	4,5							
	03340	16	♂	ESAD	TWD			2,3	3,3	2,3	1,3	2,3					
	03410	15	♀	ESAD	nullip			2,3	3,3	3,1	3,3						
(N)	04010	13	♂	Im	TWD			1,3	1,3	2,3							
	03310	19	♀	EM	nullip				15,14	15,14	15,14						
	02230	24.5	♂	M	scrotal				2,2	2,2		2,2					

Kimberly D.O.
1989

Journal - Band Data

Washington Resources, Woodway Co., Texas

GRIDWIZ: N-Hospital only

Spp.	No	Wt	Sex	Age	Bldg	Dec	July 27 (Ka) 1	July 28 (Am) 2	July 29 (Ka) 3	July 30 (Ka) 4	July 31 (Am) 5	Aug 1 (Am) 6	7	8	9	10	Comments
N. hesperis	1339	245	♂	M	TWD		1	15,14									2-N
	1547	265	♀	M	up, parous		15,15		15,15	15,15							3-Natl 4-Natl
	"N" 1787	335	♂	M	Scrotal		15,15				15,15	15,15					1-Natl, not new, pet but nipped out 5-Natl 6-Natl
	1635	140	♀	SM	nullip			12,12	12,12	12,12	12,12	12,12					
	1614	145	♀	SM	nullip			13,10	14,10	14,10	14,10	14,10					2-Natl 3-Natl 4-Natl 5-Natl 6-Natl
	1346	235	♀	M	parous		11,8		11,8	11,8	11,8	11,8					
	1628	320	♂	M	Scrotal			11,8									2-Natl
	1552	165	♂	SM	TWD			9,7			9,7	10,8					
	1322	205	♀	M	up, parous		9,7			9,7	9,7						1-Natl 4-Natl 5-Natl - rt foot damaged
	1604	145	♂	SAD	TWD		8,8		8,8	8,8	8,8	8,8					
	1329	220	♀	M	up, parous			6,6	6,6								3-Natl
	1428	215	♂	M	TWD		6,6		6,6	6,6	6,6	6,6					1-Natl 4-Natl 5-Natl 6-Caught by foot - released
	1409	260	♀	M	up, parous		8,5		8,5	8,5	8,5						1-Natl 3-Natl 4-Natl 5-Natl
	1448	225	♀	M	up, parous		6,4		6,4			6,4					"Bodytag" 1-Natl
	1667	170	♂	SM	TWD		4,6			4,6	4,6	4,6					
	1637	195	♂	M	TWD		4,3		4,2	4,3	4,3	4,3					
(Cont)	1430	145	♀	SM	nullip			3,4		3,4		3,4					
	1632	195	♂	M	TWD		3,4		3,4	3,4	3,4	3,4					4-Natl 5-N
	1248	200	♀	M	up, parous		3,4		3,4			3,4					1-Natl 6-Natl
	1626	250	♂	M	Scrotal		1,1				1,1						1-Natl 5-Natl
	1546	200	♀	M	up, parous		3,2					4,3					
	1629	125	♀	SAD	nullip			3	13,11	12,10							
	1639	135	♂	SAD	TWD				1,1		1,1	1,1					Tag turned around 4-Natl
	1617	200	♀	M	up, parous?				1,1		1,1	1,1					3-Natl 5-Natl 6-Natl

Ribbs, D.O.
1994

Journal - Spread Data

Hoskings Excavation, Monterey Co., Calif

Spread 12 - N. hispidus & P. tuei (p2)

Spp.	No	wt	Sex	Age	Body	Occ 1	2	3 July 29 (Am)	4 July 30 (Am)	5 July 31 (Am)	6 Aug. 1 (Am)	7	8	9	10	Comments
N. hispidus ↓	1633	210	♂	M	scrotal		[illegible]	4,2	4,2	4,2	4,12					tag-flipper
	1520	240	♀	M	lact!!				14,12	14,12	14,12					5 - bath, 6 - bath
	1603	145	♀	EM	vp, nulip				7,7		8,8					
	1630	175	♀	EM	vp, placous (?)						[illegible]11,8					
	1403	240	♂	M	scrotal (bandy)						6.6					6 - bath
Ⓝ	1788	190	♂	M	scrotal						4,4					
P. tuei ↓	03380	18	♀	EM	nulip					13,12						
	01400	22.5	♂	M	TWO (bandy)					13,12						
	0310	26	♀	M	vp + placous					7/10	7,5					
	0430	28.5	♀	M	vp + placous					5,6	8,8					
	03240	18.5	♀	EM	nulip					14,11	15,11					
	01000	23	♂	M	scrotal						8,6	9,6				
	03000	23.5	♀	M	vp, nulip						2,2	2,2				

Pboylii - 01210

Peromyscus - ~~01340~~ 01410 ~~01405~~

Spp	No	Wt	Sex	Age	Body	Occ	1 July 27 (Pm)	2 July 28 (Am)	3 July 29 (Am)	4 July 30 (Am)	5 July 31 (Am)	6 Aug 1 (Am)	7	8	9	10	Comments
Pboylii	0320	25	♂	M	scrotal (barely)			15,15	16,15	16,15	15,13	16,15					
↓	01140	19	♂	m	TWD			9,10	9,10	9,10	10,9	10,10					
	01310	23.5	♀	M	up, ausllyp					3,3							
	01330	22.5	♀	M	up, p-l					4,6		5,6					
ⓝ	01410	21	♀	M	up, ausll					8,5	8,5						
Peromyscus	01130	27	♂	M	TWD		9,10	10,10			9,10						
↓	01220	23	♂	M	TWD		7,7	7,7	6,6	6,6	6,6	6,6					
	01240	21	♂	M	TWD		3,3	3,3	3,3	4,4	7,5	7,5					
	01180	23.5	♂	M	TWD		2,2	2,2		4,1							
	0380	23.5	♂	M	scrotal			13,10	11,10	11,9	7,7	9,7					
	01210	20.5	♂	M	TWD			7,7 - Mortality - impaled on trap point in back Cat #974									
	0180	21	♀	M	up, parous			8,5									
	01040	26	♂	M	TWD			4,4	3,4		3,4						
ⓞ	01340	22.5	♂	SAD	TWD			4,1				1,3					
	01230	26	♂	M	TWD			3,1	4,3								
ⓟ	01480	18.5	♂	SAD	TWD				16,14								
	01200	25	♂	M	TWD				15,14	15,13	15,13	15,13					
	01320	25.5	♂	M	TWD				13,10	13,10	13,10	13,11					

Mashua Reservation, Williams Bay, Calif.

Cpzw WD: Wise Series

Zibble, D.O.
1984

Journals - Field Data

Pt Loma P. pred

6 Oct (Am) | 7 Oct (Am) | 8 Oct | Center of Activity

Spp.		No	Wt	Sex	Age	Brdg	Dec 1	2	3	4	5	6	Comments
P. californicus													
✓	↓ 1958	0110	35.5	♂	M	Scrotal	16,15					4,30	
✓		1613	33	♀	M	perf., nullip.	16,15					4,30	
✓		1515	38	♀	M	imp., par.	15,12	15,12	16,12			6-3, 26-3	2-33.5♂ 3-~~33~~ 32.5
✓	N	1794	31.5	♀	M	imp., nullip.	8,7					4,14	2-~~33~~ 30♂
✓		1485	37.5	♂	M	scrotal	8,6	7,5	8,6			5,12-3	2-38♂ - ~~took back to lab~~ 3-34
✓		1538	40	♀	M	perf., ~~nullip.~~ par.	7,5	6,5	6,5			4-3, 10-33	2-38♂ 3-37
✓		1118	43.5	♂	M	scrotal	6,4	6,4	7,5			5, 9-66	2-42.5♂ 3-41♂
✓		1539	33	♀	M	perf., nullip.	3,3	4,2	3,2			4, 4-67	2-33♂ 3-30♂
✓		1550	30.5	♀	M	imp., par.	2;3		5,5			2-5, 6-5	3-30♂
✓		1503	40	♂	M	scrotal	1;3	3,2	3,3			2-67, 4	2-38♂ 3-36♂
✓		1553	36	♂	M	scrotal	2;1	3,1				4-5, 2-5	2-36♂
✓		1541	39	♀	M	perf., par.	4;2	5,5				4, 7	2-40♂ Returned to lab
		1558	30	♀	Lake SAD	imp, nullip		7;7				3, 13	— not seen after this until 16658
✓		1175	45	♀	M	imp, parous		8,5				6, 12	
		0120	44	♂	M	scrotal			15,12			6, 26	— 1516 (0150) ??
✓		16665	29	♀	GM	imp, nullip			2,3			2, 4	

Kristin Rosenstein, Monterey Co., Calif.

Dec 62 WZ: P. californicus only

Tibbles, D.J. 1959

Journal-Liquid Data

Russ, D.O
1989

Journal - Hybrid Data

Mustela Reservation, Monterey Co, Calif

Spp: N. fuscipes

No	Wt	Sex	Age	Brdg	Dec	1 (6 Oct (Am))	2 (7 Oct (Am))	3 (8 Oct)	4	5	6	Comments
1793	135	♀	SAD	imp; nullip		14,13	14,11	14,13				
1428	240	♂	M	TND E		6,6						3 old bot wounds
1637	235	♂	M	TND		4,3		4,4				
11629	150	♀	SAD	nullip			12,10	12,10				
11614	190	♀	M	up, nullip?			13,10	13,10				
1449	245	♀	M	up, parous			6,4	6,4				
1638	170	♀	M	imp, par.			4,6					
15460	190	♀	M	up, par			4,3	4,3			4,3	2 - caught by tail 6 - " " "
11617	210	♀	M	up, par			2,1					
1635	160	♀	M	up, par				12,12				
1327	?	?						6,6				caught by tail and drug trap to 7,7; had to release w/out examining
1632	210	♂	M	TND				3,4				

Spp: N. fuscipes

Grid UE: N. fuscipes only

Ribble, DO
1994

Habitat Restoration, Monterey Co., Calif.

SPECIES: P. truei only

Source: Museum - Field Data

New: 04020

Spp	No	wt	Sex	Age	Body	Dec	6 Oct (Rm) 1	7 Oct (Rm) 2	8 Oct 3	4	5	6	Comments
P. truei	040	24.5	♂	M	TND		15,14	16,14	16,15				
"	03220	21.5	♀	M	imp. nullip.		16,14	16,15	16,14				
	03310	21	♀	M	imp. nullip.		15,15	15,14	16,15				
	03230	22	♂	M	TND		15,12						
	03120	20	♀	M	imp., nullip.		12,12	12,12	12,12				
	0130	25.5	♂	M	TND		10,10	9,10	9,10				
	03330	18.5	♀	EM	imp., nullip.		9,10	13,10	11,10				
	0310	27	♀	M	imp., par.		10,7	7,6	7,5				
	03400	20.5	♂	M	TND		8,5	8,5					
	03413	21.5	♀	M	imp., nullip.		5,3						
	04000	19	♀	M	imp., nullip.		4,6	4,6	3,4				
	03340	18.5	♂	EM	TND		2,3	2,3	2,3				
	03430	18.5	♂	EM	TND		1,1	2,1	1,1				
	02040	24	♂	M	TND		3,2						
Ⓦ	0230 04020	19	♂	EM	TND			15,13					Clipped as new, # 04234 Origin # 0230
	0400	25	♂	M	TND			12,12					
Ⓝ	04020	19	♂	SAD EM	TND			8,7	10,7				
	02414	23.5	♀	M	imp, nullip			5,4	5,3				
	04220	20	♂	M	TND				15,12				
	01000	33	♂	M	TND				10,10				
	0400	19	♂	M	TND				8,7				

Ribbs, D.O.
1994

Journal - Grid Data

Stockton Resurrection, Monterey Co., Calif.

Grid WE: Misc. species

6,4

Spp.	No	Wt	Sex	Age	Body	Occ 1	2	3	4	5	6	Comments
Pleuricl												
Rhacochilus	01410	24	♀	M	up. parous			5,3				3 - prob #410, lost nail at 01000
S. flavoguttata	010	5	?	?			13,11	15,14				Mortality
Percopsis (2)	02020	23	♂	M	TND			8,8				
Rhacochilus (1)	02010	31	♀	M	up. parous			15,14				
	0200	24	♂	M	TND	15,15						
	0320	24.5	♂	M	TND	14,10	14,10	14,10				toe # 01000 short
N	1410	21.5	♂	M	TND	9,10	11,9	9,10				
N	1420	26	♂	M	TND	9,6	8,6					
N	1430	24	♂	M	TND	9,7	9,6	9,10				
	01240	22.5	♂	M	TND	8,8	6,6	6,6				
N	1440	27	♂	M	TND	4,6		4,6				
	01040	26	♂	M	TND	3,4	3,4	4,4				
	01230	28.5	♂	M	TND	2,1	2,2	2,1				
	01310	25	♀	M	imp; par.	2,2	2,2	2,2				
	01200	22	♂	M	TND		15,15	15,13				same as 02003??
	0300	24.5	♂	M	TND		11,8	11,8				
N	02000	15.5	♀	I	imp, mullip		8,7					
	01330	25	♀	M	imp, mullip.		5,6	5,6				
	0340	26	♂	M	TND		1,3	1,3				
	01104	24	♂	M	TND		1,1	2,1				

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Kibler, D.O. — Louisiana - 6720
1989

Hunting Reservation, Washington Co., Calif.

UPPER BRIDGE 1 = Pipilo maculatus only

QQ REMOVAL

Spp	No	Wt	Sex	Age	Body	Occ	1	2	3	4	5	6	Comments
							3 Nov (Pm)	4 Nov (Am)	4 Nov Pm	5 Nov Am	6 Nov-Pm		
P. maculatus	1708	48	M	M	scrotal		3-1	3,3	3,5	3-2	3,6		2-47g 4-49
↓	1727	42	F	M	lac.		3-1	Cat # 1019					
	1714	46.5	M	M	scrotal		4-14	7,15	3,13		5,15		2-36g no scars visible 1-5 scars around Tail. Toe-clipped 030.
	1712	44	F	M	lac.		7-16	Cat #1014					
	1700	41	♂	m	TND			2,6		2-8			
	1	43	♀	m	Imp, par			2,6	Cat #1012				
	2	39	♀	m	null imp			12,16	Cat #1013				2.1g
	3	39.5	♀	M	imp., par.				2-1	Cat #1022B			
	1716	40.5	♂	M	scrotal						9,15		Toe-clipped 020.
	4	34	♀	em	imp., nullip.						7,15		Cat #1026
	(W) 2030	35	♂	M	scrotal						2,2		

6 Females Removed

Hastings Reservation, Monterey Co., Calif.
UPPER BRIDGE TRAP: Wise Species (cont.)

Journal - 1980

Ribble, D.O.
1984

Spp.	No	wt	Sex	Age	Brdg	Occ 1	2	3 (4 Nov (pm))	4 (5 Nov Am - 5 Nov Pm)	5 (6 Nov Am)	6	Comments
P. boylii ↓	0210	25	♀	M	imp, par.			11,16				
	0220	28	♂	M	TND				1-6			
	0230	25	♂	M	TND				6-16			
	0240	25	♀	M	Imp, Par				8-15			
	0300	24	♀	M	imp. ~~par.~~, par.					11,17		
Neotoma ↓	2014	205	♀	M	imp, par			2-4		2,4		Left in trap overnight
	2015	375	♂	M	Scrotal				8-16			
	2016	260	♀	M	imp, par				9-16			
	2027	205	♀	M	imp, par.					12,18		
	2028	250	♀	M	imp. par.					8,16		
Perag. ↓	040	28	M	M	Ind.			7,14	7-14	7,14		
	100 Cat#	23.5	♀	M	imp, par.			11,17	11-17	11,17		
	1027	22	♂	M	Ind.					3,2 mortality		Cat. no.
Sorex	CAT#								2-14			
Neotoma ↓	2029	230	♀	M	imp. par.					2,3		

upgrade P.baylisi - 0310
Perog - 0110

Libbus, D.O
1989

Journal

Hastings Reservation, Monterey Co., Calif.
UPPER BRIDGE I: 25 MAY 89

SPD	No	Wt	Sex	Age	Bldg	Dec 1	2	3	4	5	6	Comments
						3 Nov PM	4 Nov AM	4 Nov PM	5 Nov AM	6 Nov AM		
P. baylisi	010	23.5	M	M	Tnd.	3-2			3-5	2,5		1 - caught in same trap as #20
	020	20	F	M	imp, par.	3-2		3-1				
	030	22	F	M	imp., par.	2-13						
	040	28	M	M	Tnd.	4-15				2,13		
	0100	24	F	M	imp., par.	6-16		6,16		6,15		
	0110	24	M	M	Tnd.	8-14		7,14	5-15	8,14		
	0120	31	♂	m	TND		2,7					
	0130	24	♂	m	TND		2,9	2,9				
	0140	~~28~~	♂	m	TND		7,16					
	0200	23	♂	m	TND		12,16					
Neotoma	2011	190	♀	m	Imp par		11,16		11-16	10,16		
Sorex	020 cat#						8,14	/				
Sorex							2,12					
Neotoma fus.	2009	230	♂	m	TND	8,10			2-9	2,9		
Neotoma fus.	2008	155	♀	m	null imp	MCH	1,6			1,6		
Neotoma	~~2010~~	235	♂	m	TND		8,15		7-16			
Perog.	~~020~~	20	♀	m	null imp		2,5					same animal (2 - ~~tail length~~ 3/4" missing 1 1/2" of tail, 2 - 20g
Perag.	030	22	F	M	null imp.	2-5	2,5					
	010	28	F	M	imp, par	3-6			3-6			2 - Torpid
	020	24	F	M	imp., par.	3-9		3,9				
Neotoma	2007	210	♂	m	scrotal		3,5		2-6	2,6		
Neotoma fus.	2006 cat#	170	♀	EM	imp, null		3,3			3,3		
Sorex							2,1					
Sorex	010						1,12					

Ribble, D.O.
1989

Grid 1 Data
44 Removal

Hastings Reservation, Monterey Co. Calif.
Upper Bridges 1: P. californicus only.

Spp.	No	Wt	Sex	Ag	Bldg	Dec 1	Dec 2	Dec 3	Dec 4	5	6	Comments
P. californicus	1708	46.5	♂	M	Scr.	3,2			2,1			
	#2	33.5	♀	M	Imp, parous	2,5	Removed					Cat. #1037
	1700	43.5	♂	M	Scr	2,8						
	1714	34.5	♂	EM	TND	3,12	3,12	2,11				2-32.0
	#3	29.5	♀	EM	Imp, Null.	5,15	Removed					Cat #1041
	1716	36.0	♂	M	TND (close)	12,16	12,16	10,17				2-34.0
	#3	42.0	♀	M	Imp, null. Pregnant!			3,6	Removed			Cat #1042
	1699	37	♀	M	per, nullip				2,4	Removed		

P. boylii - 0310

Dec 2 | Dec 3 | Dec 4

Spp	No	Wt	Sex	Age	Bridg	Dec 4	1	2	3	5	6	Comments
P. boylii	020	19.0	♀	M	Imp, mull.		3,1	3,1				
	120	23.0	♂	M	TND		3,7	3,7	2,8			
	130	22.0	♂	M	TND		3,12	3,12	2,12			
	(N) 201 ~~510~~	20.0	♂	M	TND		3, ~~13~~		3,13			
	230	25.0	♂	M	TND(close)		8,15	8,15	6,15		~~6,15~~	
	110	24.5	♂	M	TND(close)		9,15	8,14	8,14			
	(N) 310	22.0	♂	M	TND		10,17					
	400	19.0	♂	M	TND		12,16					
	030	20.0	♀	M	imp, mull.			3,13	3,14			
	100	escape	♀	M	imp. par.			4,15	4,15			
	240	21.0	♀	M	imp, par.			8,14	7,14		~~7,14~~	
	210	23.0	♀	M	imp, mull.			11,17	11,17		~~11,17~~	

Nesting Excavation, Monterey Co., Calif.
Upper Bridge 1 = P. boylii only

Ribble, D.O.
1990

1990 Data

Peromyscus - 0110

Tibble, DO
1999

Hastings Reservation, Monterey Co., Calif.
Upper Bridge 1: Mixed species

Grid Data

Spp	No	wt	Sex	Age	Bridg	Dec 5	Dec 2 #1	Dec 3 #2	Dec 4 #3	5	6	Comments
N. fuscipes	2014	170	♀	M	Imp, par		2,4	2,4	2,4			
	2006	160	♀	M	Imp, par		3,4		3,4			
	2007	195	♂	M	Scr		1,6	2,6	2,6			
	2009	230	♂	M	TND		1,14	1,10				
	2010	270	♂	M	Scr		7,16	6,16	7,16		~~7,16~~	bit shit out of Mary-Ellen
	2034	140	♀	M	~~Perf~~Imp, Null		8,16		6,16		~~6,16~~	
	2011	260	♀	M	Imp, Null		10,16	11,16	11,16			
	2016	280	♀	M	Imp, Parous		~~9~~ 8,17	9,16	9,16		~~9,16~~	
	2028	265	♀	M	Imp, parous			8,16	8,16		~~8,16~~	
	(N) 2023	125	♀	em	imp, nullip.				1,6			
Peromyscus	03	305	♂	M	TND		8,14					New?
	100	23.0	♀	M	Imp, null.		11,17	10,16	11,17		~~11,17~~	
	(N) 110	18.5	♀	M	Imp, null.			3,2	3,2			
	020	21.0	♀	M	imp, null.			2,11				
	010	25.5	♀	M	imp, par.				3,6			
Sorex									3,7			mortality

Ribble, D.O.
1989

Lowland Riparian - Grid

♂♂ REMOVAL

Hastings Reservation, Monterey Co., Calif.

UPPER BRIDGE 2: P. californicus

Spp		No	Wt	Sex	Age	Body	Occ	1 3 Nov (Fri)	2 4 Nov (Sat)	3 4 Nov PM	4 5 Nov AM	5 6 Nov AM	6	Comments
P. californicus		1691	34	F	M	par., imp.		4-7	3,5	3-8	3-5	3,9		
↓		1692	35	M	M	tnd.		4-11	Cat # 1018					
		1695	40.5	F	M	imp., par.		2-15	3,13	4-14	3-13	2,11		2-40g
		1838	51	F	M	imp., par.		2-16	2,15	2-15	2-17	2,16		2-48g
		1725	43	M	M	td.		2-18	Cat # 1015					
		1696	39.5	M	M	scrotal		3-18	Cat # 1017					
		1689	46	F	M	null, imp			2,1		3,1			
		1694	37	♂	M	IND			3,9	Cat # 1016				
	(N)	2005	42	♀	M	par ~~null~~ Imp Post Lact.			2,11		2-16			2- Toe clipped 010
		1697	37	♀	M	Imp, Par					2-11			
	(N)	2013	35	♀	M	Imp, Par					2-18			
		~ 4 Males Removed												
Neotoma	(N)	2031	180	♂	M	tnd.						3,13		

updated - P.boylii - 0130
Perag - 030

Kibble, D.O.
1986

Habitat Utilization, Monterey Co., Calif.
UPPER BRIDGE (2): Mixed species

JOURNAL - GRID

Spp.	No	wt	Sex	Age	Bldg	Occ 1	2	3	4	5	6	Comments
						3 Nov (Pm)	4 Nov (Am)	4 Nov (Pm)	5 Nov Am	6 Nov Am		
P.boylii	010	19	F	M	null imp.	4-3		4-3	3-5	2,4		
	020	24	M	M	Tnd.	4-6			4-6	4,8		
	030	24	M	M	Tnd.	4-9	4,9	4-8	3-10	3,8		2-22g
	040	24	M	M	Tnd.	3-18	3,18			3,18		
	~~010~~ 0100	22	♀	m	null imp		3,5					
	010	22	♀	M	imp., par.			3-12		2,15		Bobbed tail.
	020	24	♂	M	TND				3,2			
Sorex	~~Capt~~								1,1			
	"											
Perag.	010	24	M	M	Tnd.	4-14	4,14			4,14		
	020	22.5	M	M	Tnd.			3-9	3-9	4,7		tail bobbed. Swollen jaw.
N. fuscipes	~~1800~~ 1800	170	♀	M	Imp par		4,2		4,3	4,4		
	2003	225	♂	M	Scrot		H,11		4-11? Escaped	3,12		
	2026	240	♂	M	Scrot				4-5			
	2012	200	♀	M	imp, par				3-8			

67
25
30

30

Hastings Reservation, Monterey Co., Calif

UPPER BRIDGE 2.: D. californicus only

Field Data
1989
Off Removal

Spp.	No	Wt	Sex	Age	Bridge	Dec 2	Dec 3	Dec 4	Comments
						Dec 2	Dec 3	Dec 4	
P. californicus	1691	35.0	♀	M	Imp, Null	3,6	3,6	3,5	2-37.5
	#1	32.0	♂	M	Scr	3,8	Removed		cat. #1039
	1695	39.0	♀	M	Imp, parous	2,12	2,15	2,15	2-42.0
	839	45.0	♀	M	Imp, parous	2,15			
	1681	36.0	♂	M	Scr.	2,15	Removed		Cat # 1038
	2013	37.0	♀	M	Imp, parous	2,18			
*	1697	34.0	♀	M	Imp, Null	2,19			
	1722	36.0	♂	M	Scr	[illegible]	1,1	Removed	Cat # 1042
N. fuscipes	(N) 2024	225	♀	M	imp. par.			4-3	
Spent								1,1 - 4,4	

P. boylii - 0130
Peromyscus - 030

Spp	Nb	Wt	Sex	Age	Body	Dec 1	Dec 2	Dec 3	Dec 4	Comments
P. boylii										
	120	21.0	♂	M	TND	1,1			1,1	
	100	22.0	♀	M	Imp, Nulp	3,8	3,8		3,8	
	010	19.0	♀	M	Imp, parous	4,7	4,7		4,7	
	110	24.0	♀	M	Imp, parous	4,13	2,15		3,13	
	030	22.0	♂	M	TND	2,11	2,11			
	140	20.0	♂	M	TND	2,19				
(N)	130	23.0	♂	M	TND	4,18			4,11	
	040	22.0	♂	M	TND		2,18		4,1	
P. maniculatus	010	18.5	♂	M	Scr		2,12		2/12 2/14	
N. fuscipes	1800	175	♀	M	Imp, parous	4,3	4,3		4,3	
	2026	270	♂	M	Scr.	4,5	4,7		4,5	
	2012	205	♀	M	Imp, parous	4,6	4,6		4,7	
	2003	240	♂	M	Scr	4,11	4,11		4,10	
	1020	190	♀	EM	Imp, null.	3,18				
(N)	2022	270	♂	M	Scr	3,13				
(N)	2020	160	♀	M	Imp, null.		3,18		3,18	
	2031	195	♂	M	Scr.				4,14	
Peromyscus	030	24.0	♂	M	TND	2,1	2,1		3,1	
	040	20.0	♀	M	Imp, parous	4,1	4,1			
	020	21.0	♀	M	Imp, Null	3,9	2,12		3,9	
	010	20.0	♂	M	TND	4,13			3,13	

Kibler, D.O
1989

Hastings Reservation, Monterey Co., Calif.

Upper Bee Dig (2): Mice

Page 012

203383